

AD-A204 847

SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

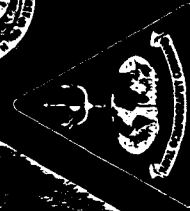
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|------------|---------------------------------------|---------|----------|---------------|----------|
| STATION: | #13880 Charleston, SC | LAT: | 32:54 N. | LONG: | 80:02 W. |
| PERIOD: | HOURLY: 1945-1986 DAILY: 1945-1986 | | | | |
| ELEVATION: | 46 feet. | | | | |
| JOB NO. | TASK | ANGAREL | DATE | December 1988 | |

DISTRIBUTION STATEMENT A
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UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|--|-----------------------|--|
| 1. REPORT NUMBER | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER |
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| 18. SUPPLEMENTARY NOTES | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover. | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure. | | |

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

1. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena Table 36: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

b. This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. Tables 8, 9, and 10 provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).

b. Table 21 for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. Tables 23, 24, and 25 provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1: Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52 - Snow depth at 0030 UTC
Jul 52 - May 57 Snow depth at 1230 UTC
Jun 57 - present Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

5. Surface Winds.

a. Extreme Values - Peak Gusts Table 27: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in terms of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

- (a) By month - by standard 3-hour groups
- (b) By month - all hours combined
- (c) Annual - all hours combined

6. Ceiling Versus Visibility Table 2. This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- (a) By Month - by standard 3-hour groups
- (b) By Month - all years and all hours combined
- (c) Annual - all years and all hours combined

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the 'no ceiling' category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|---------|-----|---------|---------|-----|-------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 5/16 |
| NO CEILING | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling > 1500 feet = 92.6%.
 Ceiling > 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility > 3 miles = 95.4%.
 Visibility > 2 miles = 96.9%.
 Visibility > 1 mile = 98.3%.

EXAMPLE # 3: To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

EXAMPLE # 4: Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5: To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus: 6.4 percent of the observations meet the criteria: ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 miles.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

7. Sky Cover Table 11. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS | TENTHS |
|-----------------|--------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear
 1/10 to 5/10 equates to scattered
 6/10 to 9/10 equates to broken
 10/10 equates to overcast

8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature
Table 6 Daily minimum temperature
Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures Table 29 derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature

Table 31 Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

d. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature Table 3. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_X). The number of observations used in the computations for each element is also shown.

(3) At the lower right of each page Table 40 gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature

Table 16 Wet-bulb temperature

Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity Table 12. This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

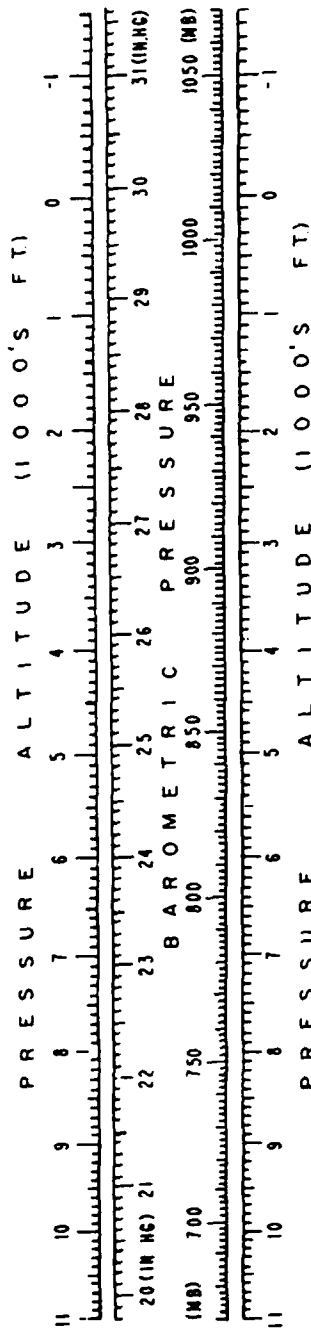
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



M. L. DICKENSON
M. L. DICKENSON

TABULATION. INDEXES BY NUMBER

| TAB # | DESCRIPTION |
|-------|-------------|
| 1 | ... |
| 2 | ... |
| 3 | ... |
| 4 | ... |
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HOURLY DATA TABULATIONS :

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1 SURFACE WINDS -- WIND DIR VS WIND SPEED VS HOUR
2 CEILING VERSUS VISIBILITY -- BY HOUR
3 PSYCHROMETRIC SUMMARY -- DEPRESSIONS, DRY BULB, WET BULB, DEW POINT
4 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
5 MEAN NO. OF DAYS WITH TEMPERATURE >= OR <= THRESHOLD VALUES
6 NOTE : 28 AND 40 ARE SUB TABLES OF TABLE 3
7 PERCENT FREQUENCY OF AIR TEMPERATURE VS WIND DIRECTION -- BY HOUR
8 SKYCOVER -- HOUR VS SKYCOVER AMTS VS MONTH
9 REL HUM -- HOUR VS REL HUM AMTS VS MONTH
10 WEATHER CONDITIONS -- HOUR VS WX CONDS VS MONTH
11 PERCENT FREQUENCY OF WIND DIRECTION VS WEATHER CONDITIONS -- BY MONTH
12 MEANS AND STANDARD DEVIATIONS (DRY BULB TEMPERATURE) -- BY MONTH
13 MEANS AND STANDARD DEVIATIONS (WET BULB TEMPERATURE) -- BY MONTH
14 MEANS/AND STANDARDS (DEW POINT TEMPERATURE) -- BY MONTH
15 MEANS AND STANDARD DEVIATIONS (SEA LEVEL PRESSURE) -- BY MONTH
16 MEANS AND STANDARD DEVIATIONS (STATION PRESSURE) -- BY MONTH
17 FLYING WEATHER - PERCENT OF HOURS WITH : CEILING & VISIBILITY CLASSES (HOUR VS MONTH)

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DAILY DATA TABULATIONS :

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5 DAILY MAXIMUM TEMPERATURES -- DEGREE VS MONTH
6 DAILY MINIMUM TEMPERATURES -- DEGREE VS MONTH
7 DAILY MEAN TEMPERATURES -- DEGREE VS MONTH
8 DAILY AMOUNTS (PRECIPITATION) -- MONTH VS AMTS
9 DAILY AMOUNTS (SNOW FALL) -- MONTH VS AMTS
10 DAILY AMOUNTS (SNOW DEPTH) -- MONTH VS AMTS
11 DAILY EXTREME AMOUNTS : PRECIPITATION
12 DAILY EXTREME AMOUNTS : SNOW FALL AND SNOW DEPTH
13 EXTREME VALUES : PRECIPITATION (24 HOUR TOTALS) -- YEAR VS MONTH
14 EXTREME VALUE : SNOW FALL -- YEAR VS MONTH
15 EXTREME VALUE : SNOW DEPTH -- YEAR VS MONTH
16 OMITTED
17 EXTREME VALUES : DAILY PEAK GUSTS -- YEAR VS MONTH
18 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
19 DAILY AVERAGES/EXTREME TEMPERATURES -- BY MONTH
20 EXTREME VALUES : MAXIMUM TEMPERATURE -- YEAR VS MONTH
21 EXTREME VALUES : MINIMUM TEMPERATURE -- YEAR VS MONTH
22 YEAR/MONTH VALUES : HEATING DEGREE DAYS--YEAR VS MONTH
23 YEAR/MONTH VALUES : COOLING DEGREE DAYS--YEAR VS MONTH
24 YEAR/MONTH VALUES : MEAN TEMPERATURES : YEAR
25 YEAR/MONTH VALUES -- TOTAL PRECIPITATION
26 WEATHER CONDITIONS--MONTH VS WEATHER CONDITIONCLASS FROM DAILY OBSERVATIONS
27 STATION CLIMATIC SUMMARY
28 OMITTED
29 OMITTED

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G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 32W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY (F WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS))

| 16 PT. | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN |
|--------|------|---|------|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| DIR. | | | | | | | | | | | | | | % | SPEED |
| N | .9 | | 4.2 | | 3.5 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 6.6 |
| NNE | 1.5 | | 3.2 | | 3.1 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 6.7 |
| NE | .9 | | 1.9 | | 2.3 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.2 |
| ENE | .5 | | 1.3 | | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 6.1 |
| E | .4 | | .3 | | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 5.5 |
| ESE | .7 | | .6 | | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 4.9 |
| SE | .4 | | .5 | | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 5.9 |
| SSE | .2 | | .7 | | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 6.0 |
| S | 1.2 | | 2.6 | | 1.1 | .6 | .2 | 1.1 | .1 | .0 | .0 | .0 | .0 | 5.8 | 7.0 |
| SSW | .8 | | 2.6 | | 2.6 | 1.2 | .2 | 1.1 | .0 | .0 | .0 | .0 | .0 | 7.5 | 7.6 |
| SW | .9 | | 2.5 | | 3.8 | 1.5 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 9.0 | 8.0 |
| WSW | .3 | | 2.0 | | 3.8 | .6 | .0 | 1.1 | .0 | .0 | .0 | .0 | .0 | 7.0 | 7.8 |
| W | .4 | | 2.2 | | 3.9 | 1.8 | .3 | 1.1 | .0 | .0 | .0 | .0 | .0 | 8.8 | 8.8 |
| WNW | .3 | | 1.2 | | 2.5 | 1.8 | .3 | 1.1 | .0 | .0 | .0 | .0 | .0 | 6.2 | 9.6 |
| NW | 1.1 | | .8 | | 1.9 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.4 |
| NNW | .6 | | 3.5 | | 1.7 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 6.5 |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.1 | .0 |
| ALL | 11.2 | | 30.3 | | 32.1 | 13.5 | 1.2 | .5 | .1 | .0 | .0 | .0 | .0 | 100.0 | 6.6 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | 1.6 | 4.6 | 3.1 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.8 | 6.8 |
| NNE | 1.1 | 2.8 | 4.8 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.1 | 7.5 |
| NE | 1.6 | 1.9 | 2.7 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 6.7 |
| ENE | .4 | .8 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.5 |
| E | .2 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .8 | 5.3 |
| ESE | .2 | .9 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 5.1 |
| SE | .2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | 4.8 |
| SSE | .5 | .5 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 5.9 |
| S | 1.2 | 1.5 | .6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 6.3 |
| SSW | .2 | 1.9 | 2.8 | .9 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 8.9 |
| SW | .5 | 1.9 | 2.2 | 1.3 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 8.4 |
| WSW | .5 | 2.7 | 3.5 | 1.3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 8.0 |
| W | 1.1 | 3.1 | 4.4 | 1.6 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 8.1 |
| WNW | .3 | 1.7 | 2.5 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 8.6 |
| NW | .5 | 2.0 | 1.8 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 7.1 |
| NNW | .8 | 3.2 | 2.0 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 7.0 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.7 | .0 |
| ALL | 11.1 | 30.1 | 32.6 | 13.2 | 1.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.7 |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | 1.5 | 3.3 | 4.0 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.1 | 7.0 | |
| NNE | 1.3 | 4.1 | 4.3 | 3.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.9 | 7.8 | |
| NE | 1.6 | 2.1 | 3.3 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 6.6 | |
| NNE | .5 | 1.2 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 6.0 | |
| E | .6 | .8 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 5.1 | |
| ESE | .5 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 5.0 | |
| SE | .3 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 5.3 | |
| SSE | .5 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 5.3 | |
| S | 1.2 | 2.4 | .9 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 6.3 | |
| SSW | .5 | 1.9 | 1.8 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 8.0 | |
| SW | .4 | 1.9 | 3.8 | 1.8 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | 8.2 | 8.8 | |
| WSW | .8 | 1.5 | 2.1 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.0 | 8.3 | |
| W | .6 | 2.5 | 4.6 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.5 | 8.0 | |
| WNW | .7 | 1.8 | 2.8 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 7.9 | |
| NW | .5 | 2.1 | 1.8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.8 | |
| NNW | .8 | 2.5 | 1.8 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 7.2 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | .0 | |
| ALL | 12.2 | 29.5 | 37.7 | 14.5 | 1.5 | .1 | .0 | .1 | .0 | .0 | .0 | 100.0 | 6.8 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|-----|-----|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N | .6 | .6 | .6 | 2.7 | 4.0 | 4.0 | 2.8 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.7 | 9.0 |
| NNE | .6 | .6 | .6 | 1.6 | 4.0 | 4.0 | 3.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 9.1 |
| NE | .5 | .5 | .5 | 2.1 | 3.8 | 3.8 | 2.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 8.6 |
| ENE | .5 | .5 | .5 | 1.6 | 3.1 | 3.1 | 1.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 8.0 |
| E | .7 | .7 | .7 | 1.1 | 1.0 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.6 |
| ESE | .2 | .2 | .2 | .9 | 1.2 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.1 |
| SE | .4 | .4 | .4 | .4 | .4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 5.1 |
| SSE | .6 | .6 | .6 | .8 | .5 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 5.9 |
| S | .7 | .7 | .7 | 1.1 | .6 | .6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.5 |
| SSW | .2 | .2 | .2 | .9 | 2.2 | 2.2 | 1.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 10.0 |
| SW | .2 | .2 | .2 | .9 | 2.6 | 2.6 | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 10.7 |
| WSW | .2 | .2 | .2 | 1.5 | 3.3 | 3.3 | 2.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 9.8 |
| W | .4 | .4 | .4 | 1.6 | 3.1 | 3.1 | 3.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 10.9 |
| WNW | .5 | .5 | .5 | 1.8 | 2.7 | 2.7 | 2.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 10.1 |
| NW | .5 | .5 | .5 | 1.3 | 2.0 | 2.0 | 2.4 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 9.9 |
| NNW | .3 | .3 | .3 | 1.0 | 1.7 | 1.7 | 1.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | .0 |
| ALL | 6.9 | 6.9 | 6.9 | 21.4 | 37.3 | 37.3 | 26.3 | 5.5 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | 100.0 | 9.1 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL | | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | % | |
| N | .4 | 1.6 | 3.8 | 2.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 9.1 |
| NNE | .3 | 1.7 | 3.1 | 1.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.4 |
| NE | .4 | 1.8 | 2.0 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 7.9 |
| ENE | .2 | .9 | 2.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.8 |
| E | .3 | 1.2 | 2.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.6 |
| ESE | .2 | 1.2 | 1.5 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 7.7 |
| SE | .0 | .7 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.9 |
| SSE | .2 | .8 | 1.1 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 8.4 |
| S | .4 | 1.2 | 1.1 | 1.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.6 |
| SSW | .2 | .5 | 2.0 | 2.5 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | 6.4 | 12.1 |
| SW | .2 | 1.5 | 2.1 | 3.2 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | 7.9 | 10.8 |
| WSW | .2 | 1.1 | 4.1 | 4.2 | 1.2 | .3 | .1 | .0 | .0 | .0 | .0 | 11.1 | 11.5 |
| W | .3 | 1.1 | 2.8 | 5.2 | 1.2 | .1 | .0 | .1 | .0 | .0 | .0 | 10.7 | 11.9 |
| WNW | .2 | .6 | 2.5 | 2.9 | 1.0 | .5 | .0 | .0 | .0 | .0 | .0 | 7.9 | 11.0 |
| NW | .1 | 1.2 | 2.2 | 2.8 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | 6.8 | 11.4 |
| NNW | .4 | 1.3 | 3.1 | 2.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 9.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 3.9 | 18.6 | 36.3 | 32.0 | 6.9 | 1.5 | .1 | .1 | .0 | .0 | .0 | 100.0 | 10.1 |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN |
|----------------|-----|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|
| | | | | | | | | | | | | | | | | | |
| N | .5 | 1.9 | 4.5 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 8.8 |
| NNE | .2 | 1.4 | 2.8 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 8.2 |
| NE | .2 | 1.8 | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.4 |
| ENE | .2 | .5 | 1.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 8.3 |
| E | .3 | .9 | 3.0 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 8.2 |
| ESE | .2 | .3 | 3.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 8.4 |
| SE | .2 | .5 | 2.6 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.8 |
| SSE | .3 | .9 | 2.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 7.9 |
| S | .3 | .5 | 1.8 | 3.1 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 11.3 |
| SSW | .1 | .8 | 4.0 | 3.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.8 | 10.8 |
| SW | .2 | 1.2 | 2.1 | 2.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.4 |
| WSW | .2 | .5 | 2.5 | 1.9 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 11.5 |
| W | .0 | 1.1 | 3.4 | 4.8 | 1.5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.1 | 12.2 |
| WNW | .2 | .8 | 2.3 | 4.1 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 12.2 |
| NW | .3 | .7 | 3.5 | 2.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.9 |
| NNW | .2 | .8 | 2.6 | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 10.0 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .0 |
| ALL | 3.6 | 14.8 | 43.4 | 30.8 | 5.7 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 9.9 |

TOTAL NO. OF OBS : 1302

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|-----|------|------|------|-----|----|------|-------|-------|---------------|-------|-------|-------|-------|------|--|------------|-----------------------|
| | | | | | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | .7 | 3.5 | 3.1 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 7.3 | | | | |
| NNE | .2 | 2.2 | 2.3 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.0 | | | | |
| NE | .5 | 1.9 | 2.6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 7.2 | | | | |
| ENE | .5 | 1.8 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 6.5 | | | | |
| E | 1.0 | 2.2 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 6.1 | | | | |
| ESE | 1.0 | 2.8 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 5.3 | | | | |
| SE | .4 | 1.7 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.8 | | | | |
| SSE | .6 | 2.6 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 5.6 | | | | |
| S | .8 | 3.5 | 3.8 | .8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.2 | 7.4 | | | | |
| SSW | .5 | 2.6 | 5.5 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 8.1 | | | | |
| SW | .5 | 2.2 | 2.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 7.2 | | | | |
| WSW | .4 | 2.0 | 2.7 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 7.9 | | | | |
| W | .5 | 1.6 | 3.0 | 2.4 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 9.6 | | | | |
| WNW | .3 | 1.7 | 2.6 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 8.7 | | | | |
| NW | .5 | 1.6 | 1.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 6.5 | | | | |
| NNW | .5 | 2.2 | 2.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 6.9 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | .0 | | | | |
| ALL | 8.9 | 36.1 | 37.3 | 11.1 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.1 | | | | |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|-------|------|--|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | 1.5 | 2.1 | 2.7 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 6.6 | | | |
| NNE | .8 | 3.2 | 4.0 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.8 | 6.9 | | | |
| NE | 1.2 | 3.1 | 2.1 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 6.4 | | | |
| ENE | .3 | 1.7 | 1.3 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 7.0 | | | |
| E | .4 | 1.6 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.7 | | | |
| ESE | .8 | 1.5 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 5.2 | | | |
| SE | .6 | 1.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.2 | | | |
| SSE | .8 | .8 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 5.5 | | | |
| S | 1.5 | 3.2 | 1.6 | .6 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 7.1 | 6.5 | | | |
| SSW | .7 | 3.7 | 2.8 | 1.5 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.3 | 8.0 | | | |
| SW | .4 | 3.4 | 3.8 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | 7.1 | | | |
| WSW | .4 | 2.2 | 3.1 | .9 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.0 | | | |
| W | .9 | 1.8 | 2.9 | 2.1 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 9.2 | | | |
| WNW | .3 | 1.0 | 1.7 | 2.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 10.0 | | | |
| NW | 1.2 | 1.4 | 1.5 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 7.0 | | | |
| NNW | .5 | 1.7 | 1.4 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 7.1 | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | .0 | | | |
| ALL | 12.2 | 33.9 | 31.3 | 11.6 | 1.6 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.6 | | | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-----|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 1.0 | | | | | | 3.6 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.3 | 7.7 |
| NNE | .8 | | | | | | 3.7 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 7.8 |
| NE | .9 | | | | | | 2.5 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 7.3 |
| ENE | .4 | | | | | | 1.4 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.2 |
| E | .5 | | | | | | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.5 |
| ESE | .5 | | | | | | 1.0 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 6.4 |
| SE | .3 | | | | | | .7 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.7 |
| SSE | .5 | | | | | | .6 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 6.5 |
| S | .9 | | | | | | 1.5 | 1.0 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | 5.7 | 7.8 |
| SSW | .4 | | | | | | 1.9 | 1.6 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 7.5 | 9.1 |
| SW | .4 | | | | | | 3.0 | 1.6 | .3 | .1 | .0 | .0* | .0 | .0 | .0 | 7.3 | 8.8 |
| WSW | .4 | | | | | | 1.7 | 1.7 | .4 | .1 | .0* | .0 | .0 | .0 | .0 | 7.6 | 9.3 |
| W | .5 | | | | | | 1.9 | 2.9 | .7 | .2 | .0 | .0* | .0 | .0 | .0 | 9.7 | 9.9 |
| WNW | .4 | | | | | | 2.5 | 2.1 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | 6.9 | 10.1 |
| NW | .6 | | | | | | 2.0 | 1.3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 5.4 | 8.6 |
| NNW | .5 | | | | | | 2.0 | 1.3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.0 |
| VAR | .0 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | .0 |
| ALL | 8.8 | 26.8 | 35.5 | 19.1 | 3.3 | .6 | | | | | | | | | | 100.0 | 7.8 |

TOTAL NO. OF OBS : 10412

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 S4N LONG. : 80 D2W ELEV. : 46 FT
MONTH : JAN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 37.7 | 49.4 | 51.1 | 52.7 | 53.7 | 53.7 | 54.2 | 54.3 | 54.3 | 54.3 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 55.3 | 55.3 | 55.6 | 56.5 |
| >=20000 | 39.5 | 51.9 | 53.7 | 55.3 | 56.3 | 56.3 | 56.9 | 57.0 | 57.0 | 57.0 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 58.0 | 58.0 | 58.3 | 59.2 |
| >=18000 | 39.7 | 52.1 | 54.0 | 55.5 | 56.6 | 56.6 | 57.1 | 57.3 | 57.3 | 57.3 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 58.2 | 58.2 | 58.5 | 59.4 |
| >=16000 | 39.8 | 52.3 | 54.1 | 55.6 | 56.7 | 56.7 | 57.3 | 57.4 | 57.4 | 57.4 | 57.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.3 | 58.3 | 58.6 | 59.6 |
| >=14000 | 41.1 | 53.8 | 55.9 | 57.6 | 58.6 | 58.6 | 59.2 | 59.3 | 59.3 | 59.3 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 60.3 | 60.3 | 60.6 | 61.5 |
| >=12000 | 42.3 | 55.6 | 57.7 | 59.4 | 60.5 | 60.5 | 61.0 | 61.2 | 61.2 | 61.2 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 62.1 | 62.1 | 62.5 | 63.4 |
| >=10000 | 42.7 | 56.4 | 58.6 | 60.3 | 61.4 | 61.4 | 62.0 | 62.1 | 62.1 | 62.1 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 63.1 | 63.1 | 63.4 | 64.3 |
| >=9000 | 43.3 | 57.5 | 59.7 | 61.6 | 62.6 | 62.6 | 63.3 | 63.4 | 63.4 | 63.4 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.4 | 64.4 | 64.7 | 65.6 |
| >=8000 | 44.0 | 58.7 | 61.0 | 63.0 | 64.0 | 64.0 | 64.6 | 64.8 | 64.8 | 64.8 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.8 | 65.8 | 66.1 | 67.0 |
| >=7000 | 44.9 | 60.7 | 63.1 | 65.0 | 66.3 | 66.3 | 66.9 | 67.0 | 67.0 | 67.0 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 68.1 | 68.1 | 68.4 | 69.3 |
| >=6000 | 45.7 | 62.4 | 64.9 | 66.8 | 68.1 | 68.1 | 68.7 | 68.9 | 68.9 | 68.9 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 70.0 | 70.0 | 70.3 | 71.3 |
| >=5000 | 46.6 | 64.1 | 66.6 | 68.6 | 69.9 | 69.9 | 70.6 | 70.8 | 70.8 | 70.8 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 72.0 | 72.0 | 72.3 | 73.3 |
| >=4500 | 47.4 | 65.6 | 68.2 | 70.3 | 71.6 | 71.6 | 72.3 | 72.5 | 72.5 | 72.5 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.7 | 73.7 | 74.0 | 74.9 |
| >=4000 | 48.0 | 66.6 | 69.3 | 71.5 | 72.8 | 72.8 | 73.6 | 73.7 | 73.7 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.9 | 74.9 | 75.2 | 76.2 |
| >=3500 | 48.5 | 67.4 | 70.4 | 72.6 | 73.9 | 73.9 | 74.7 | 74.9 | 74.9 | 74.9 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.4 | 77.3 |
| >=3000 | 49.1 | 68.4 | 71.6 | 73.7 | 75.2 | 75.2 | 75.9 | 76.1 | 76.1 | 76.1 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 77.3 | 77.3 | 77.6 | 78.6 |
| >=2500 | 49.6 | 69.4 | 72.7 | 74.9 | 76.6 | 76.6 | 77.4 | 77.6 | 77.6 | 77.6 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.8 | 78.8 | 79.1 | 80.0 |
| >=2000 | 50.1 | 70.9 | 74.3 | 76.6 | 78.2 | 78.2 | 79.1 | 79.4 | 79.4 | 79.4 | 79.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.6 | 80.6 | 80.9 | 81.9 |
| >=1800 | 50.3 | 71.3 | 74.8 | 77.0 | 78.7 | 78.7 | 79.6 | 79.9 | 79.9 | 79.9 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 81.2 | 81.2 | 81.5 | 82.4 |
| >=1500 | 50.8 | 72.5 | 76.0 | 78.3 | 80.0 | 80.0 | 80.9 | 81.3 | 81.3 | 81.3 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.9 | 83.8 |
| >=1200 | 51.2 | 73.5 | 77.1 | 79.4 | 81.1 | 81.1 | 82.0 | 82.5 | 82.5 | 82.5 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.8 | 83.8 | 84.1 | 85.0 |
| >=1000 | 51.3 | 74.4 | 78.2 | 80.5 | 82.3 | 82.3 | 83.2 | 83.8 | 83.8 | 83.8 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.4 | 86.3 |
| >=900 | 51.6 | 74.9 | 78.6 | 81.0 | 82.9 | 82.9 | 83.9 | 84.4 | 84.4 | 84.4 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.7 | 85.7 | 86.0 | 86.9 |
| >=800 | 51.7 | 75.2 | 79.0 | 81.6 | 83.6 | 83.6 | 84.7 | 85.2 | 85.2 | 85.2 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.8 | 87.7 |
| >=700 | 51.7 | 75.5 | 79.5 | 82.1 | 84.2 | 84.2 | 85.4 | 85.9 | 85.9 | 85.9 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 87.4 | 87.4 | 87.7 | 88.6 |
| >=600 | 51.7 | 76.0 | 80.2 | 82.9 | 85.1 | 85.1 | 86.5 | 87.0 | 87.0 | 87.0 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 88.5 | 88.5 | 88.8 | 89.7 |
| >=500 | 51.7 | 76.6 | 80.6 | 83.5 | 85.7 | 85.7 | 87.2 | 87.9 | 87.9 | 87.9 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 89.3 | 89.3 | 89.6 | 90.5 |
| >=400 | 51.7 | 77.0 | 81.0 | 84.3 | 87.0 | 87.0 | 88.9 | 89.7 | 89.7 | 89.7 | 90.1 | 90.5 | 90.5 | 90.5 | 90.5 | 91.3 | 91.3 | 91.7 | 92.6 |
| >=300 | 51.7 | 77.0 | 81.7 | 85.1 | 88.2 | 88.2 | 90.8 | 91.9 | 91.9 | 91.9 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 | 94.1 | 94.1 | 94.6 | 95.6 |
| >=200 | 51.7 | 77.0 | 81.7 | 85.2 | 88.3 | 88.3 | 91.0 | 92.5 | 92.5 | 92.5 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 95.5 | 95.5 | 96.2 | 97.4 |
| >=100 | 51.7 | 77.0 | 81.7 | 85.2 | 88.3 | 88.3 | 91.1 | 92.5 | 92.5 | 92.5 | 94.0 | 94.8 | 94.8 | 94.8 | 94.8 | 96.1 | 96.1 | 97.5 | 99.1 |
| >=0 | 51.7 | 77.0 | 81.7 | 85.2 | 88.3 | 88.3 | 91.1 | 92.5 | 92.5 | 92.5 | 94.0 | 94.8 | 94.8 | 94.8 | 94.8 | 96.1 | 96.1 | 97.7 | 100.0 |

TOTAL NO. OF OPS : 1301

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 34.4 | 47.3 | 49.5 | 51.3 | 52.2 | 52.3 | 52.5 | 52.6 | 52.6 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.7 | 53.9 |
| >=20000 | 36.3 | 50.2 | 52.3 | 54.2 | 55.0 | 55.2 | 55.3 | 55.4 | 55.4 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.6 | 56.7 |
| >=18000 | 36.4 | 50.3 | 52.5 | 54.3 | 55.2 | 55.3 | 55.5 | 55.6 | 55.6 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.7 | 57.0 |
| >=16000 | 36.7 | 50.7 | 52.8 | 54.7 | 55.5 | 55.6 | 55.8 | 55.9 | 55.9 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 57.0 | 57.2 |
| >=14000 | 37.0 | 51.4 | 53.6 | 55.4 | 56.3 | 56.4 | 56.6 | 56.6 | 56.6 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 | 57.8 | 58.0 |
| >=12000 | 37.9 | 52.9 | 55.2 | 57.1 | 58.0 | 58.2 | 58.3 | 58.4 | 58.4 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 | 59.6 | 59.7 |
| >=10000 | 38.4 | 54.0 | 56.3 | 58.2 | 59.1 | 59.3 | 59.4 | 59.5 | 59.5 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.6 | 60.8 |
| >= 9000 | 38.7 | 54.5 | 56.8 | 58.7 | 59.6 | 59.8 | 60.0 | 60.0 | 60.0 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 61.2 | 61.3 |
| >= 8000 | 39.4 | 56.0 | 58.3 | 60.4 | 61.3 | 61.5 | 61.7 | 61.8 | 61.8 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 63.0 | 63.1 |
| >= 7000 | 40.4 | 57.6 | 60.0 | 62.3 | 63.2 | 63.3 | 63.4 | 63.7 | 63.7 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 65.0 | 65.1 |
| >= 6000 | 41.3 | 59.0 | 61.6 | 64.0 | 65.0 | 65.1 | 65.4 | 65.5 | 65.5 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.7 | 66.9 |
| >= 5000 | 42.3 | 61.0 | 63.9 | 66.5 | 67.6 | 67.7 | 68.0 | 68.1 | 68.1 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 69.3 | 69.5 |
| >= 4500 | 42.7 | 61.8 | 64.9 | 67.6 | 68.6 | 68.8 | 69.1 | 69.2 | 69.2 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 70.4 | 70.6 |
| >= 4000 | 43.2 | 62.9 | 65.9 | 68.6 | 69.7 | 69.9 | 70.2 | 70.3 | 70.3 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 71.5 | 71.6 |
| >= 3500 | 43.8 | 64.0 | 67.2 | 69.9 | 71.0 | 71.2 | 71.5 | 71.6 | 71.6 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.8 | 72.9 |
| >= 3000 | 44.7 | 65.7 | 69.1 | 71.9 | 72.9 | 73.1 | 73.4 | 73.5 | 73.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.7 | 74.9 |
| >= 2500 | 45.5 | 67.4 | 70.8 | 73.6 | 74.6 | 74.8 | 75.1 | 75.2 | 75.2 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 76.5 | 76.6 |
| >= 2000 | 45.9 | 68.5 | 72.0 | 74.9 | 75.9 | 76.1 | 76.4 | 76.6 | 76.6 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.8 | 77.9 |
| >= 1800 | 46.2 | 69.0 | 72.6 | 75.4 | 76.5 | 76.6 | 76.9 | 77.1 | 77.1 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 78.4 | 78.6 |
| >= 1500 | 46.7 | 69.9 | 73.6 | 76.4 | 77.5 | 77.6 | 77.9 | 78.2 | 78.2 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 79.5 | 79.6 |
| >= 1200 | 47.0 | 70.9 | 74.6 | 77.5 | 78.6 | 78.8 | 79.1 | 79.5 | 79.5 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.8 | 80.9 |
| >= 1000 | 47.3 | 71.9 | 75.7 | 78.8 | 80.1 | 80.2 | 80.7 | 81.1 | 81.1 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 82.4 | 82.6 |
| >= 900 | 47.5 | 72.4 | 76.2 | 79.3 | 80.7 | 80.9 | 81.3 | 81.7 | 81.7 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 83.0 | 83.2 |
| >= 800 | 47.6 | 73.1 | 76.9 | 80.2 | 81.6 | 81.8 | 82.2 | 82.6 | 82.6 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.9 | 84.1 |
| >= 700 | 47.7 | 73.6 | 77.5 | 80.7 | 82.2 | 82.3 | 82.9 | 83.2 | 83.2 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 84.6 | 84.7 |
| >= 600 | 47.8 | 74.0 | 78.3 | 81.9 | 83.7 | 83.9 | 84.5 | 84.9 | 84.9 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 86.2 | 86.3 |
| >= 500 | 47.8 | 74.3 | 78.9 | 82.6 | 84.6 | 84.9 | 85.7 | 86.1 | 86.1 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 87.5 | 87.6 |
| >= 400 | 47.9 | 74.8 | 79.6 | 83.6 | 86.0 | 86.4 | 87.5 | 88.1 | 88.1 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 89.6 | 89.8 |
| >= 300 | 47.9 | 74.9 | 79.9 | 84.1 | 86.8 | 87.2 | 89.2 | 90.4 | 90.4 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 92.2 | 92.4 |
| >= 200 | 47.9 | 74.9 | 79.9 | 84.2 | 86.9 | 87.5 | 90.0 | 91.5 | 91.5 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 94.5 | 94.8 |
| >= 100 | 47.9 | 74.9 | 79.9 | 84.2 | 86.9 | 87.5 | 90.1 | 91.8 | 91.8 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 95.3 | 95.8 |
| >= 0 | 47.9 | 74.9 | 79.9 | 84.2 | 86.9 | 87.5 | 90.1 | 91.8 | 91.8 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 95.5 | 95.9 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

Q1380J : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : JAN
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 31.6 | 41.7 | 44.0 | 45.9 | 47.2 | 47.3 | 47.5 | 47.6 | 47.8 | 47.9 | 47.9 | 48.2 | 48.3 | 48.7 | 49.2 |
| >=20000 | 33.3 | 44.5 | 46.9 | 48.9 | 50.2 | 50.3 | 50.5 | 50.7 | 50.8 | 51.0 | 51.0 | 51.4 | 51.5 | 51.9 | 52.5 |
| >=18000 | 33.8 | 45.2 | 47.7 | 49.7 | 50.9 | 51.1 | 51.3 | 51.5 | 51.6 | 51.8 | 51.8 | 52.2 | 52.2 | 52.7 | 53.3 |
| >=16000 | 34.1 | 45.5 | 48.0 | 50.0 | 51.2 | 51.4 | 51.6 | 51.8 | 51.9 | 52.1 | 52.1 | 52.5 | 52.5 | 53.0 | 53.6 |
| >=14000 | 35.4 | 47.1 | 49.7 | 51.8 | 53.0 | 53.1 | 53.4 | 53.5 | 53.7 | 53.8 | 53.8 | 54.2 | 54.3 | 54.8 | 55.4 |
| >=12000 | 36.3 | 48.5 | 51.2 | 53.4 | 54.7 | 54.8 | 55.1 | 55.3 | 55.5 | 55.6 | 55.6 | 56.0 | 56.1 | 56.5 | 57.1 |
| >=10000 | 37.1 | 50.1 | 52.9 | 55.1 | 56.5 | 56.6 | 56.9 | 57.1 | 57.2 | 57.4 | 57.4 | 57.8 | 57.8 | 58.3 | 59.0 |
| >= 9000 | 37.6 | 51.0 | 54.0 | 56.2 | 57.5 | 57.7 | 58.0 | 58.1 | 58.3 | 58.4 | 58.4 | 58.8 | 58.9 | 59.4 | 60.1 |
| >= 8000 | 38.0 | 51.8 | 54.8 | 57.2 | 58.6 | 58.8 | 59.1 | 59.2 | 59.4 | 59.5 | 59.5 | 60.0 | 60.1 | 60.5 | 61.2 |
| >= 7000 | 39.2 | 53.8 | 57.1 | 59.5 | 61.0 | 61.1 | 61.4 | 61.6 | 61.8 | 61.9 | 61.9 | 62.4 | 62.4 | 62.9 | 63.6 |
| >= 6000 | 39.9 | 55.2 | 58.5 | 61.2 | 62.8 | 63.0 | 63.4 | 63.6 | 63.7 | 63.9 | 63.9 | 64.4 | 64.5 | 65.0 | 65.7 |
| >= 5000 | 40.9 | 57.2 | 60.6 | 63.3 | 65.1 | 65.3 | 65.7 | 65.9 | 66.1 | 66.3 | 66.3 | 66.8 | 66.9 | 67.4 | 68.2 |
| >= 4500 | 41.6 | 58.6 | 62.1 | 64.8 | 66.7 | 66.9 | 67.4 | 67.5 | 67.6 | 68.0 | 68.0 | 68.5 | 68.6 | 69.1 | 69.9 |
| >= 4000 | 42.2 | 59.8 | 63.6 | 66.4 | 68.4 | 68.6 | 69.0 | 69.2 | 69.5 | 69.7 | 69.7 | 70.2 | 70.3 | 70.8 | 71.6 |
| >= 3500 | 42.6 | 60.6 | 64.6 | 67.4 | 69.4 | 69.7 | 70.1 | 70.3 | 70.6 | 70.7 | 70.7 | 71.3 | 71.4 | 71.9 | 72.7 |
| >= 3000 | 43.0 | 61.4 | 65.5 | 68.4 | 70.4 | 70.7 | 71.2 | 71.4 | 71.7 | 71.9 | 71.9 | 72.4 | 72.5 | 73.0 | 73.8 |
| >= 2500 | 43.7 | 63.3 | 67.6 | 70.5 | 72.6 | 72.8 | 73.4 | 73.6 | 73.9 | 74.0 | 74.0 | 74.6 | 74.7 | 75.2 | 76.0 |
| >= 2000 | 44.6 | 64.6 | 69.0 | 72.0 | 74.2 | 74.4 | 75.0 | 75.2 | 75.5 | 75.7 | 75.7 | 76.3 | 76.3 | 76.9 | 77.6 |
| >= 1800 | 44.6 | 64.7 | 69.3 | 72.3 | 74.4 | 74.7 | 75.2 | 75.5 | 75.8 | 76.0 | 76.0 | 76.6 | 76.7 | 77.2 | 78.0 |
| >= 1500 | 45.0 | 66.1 | 70.7 | 73.7 | 75.9 | 76.1 | 76.7 | 77.0 | 77.3 | 77.5 | 77.5 | 78.2 | 78.3 | 78.8 | 79.6 |
| >= 1200 | 45.5 | 67.0 | 71.6 | 74.7 | 76.8 | 77.0 | 77.6 | 77.9 | 78.4 | 78.6 | 78.6 | 79.3 | 79.4 | 80.0 | 80.7 |
| >= 1000 | 45.9 | 68.0 | 72.7 | 76.0 | 78.1 | 78.3 | 79.0 | 79.3 | 79.7 | 80.0 | 80.0 | 80.6 | 80.7 | 81.3 | 82.0 |
| >= 900 | 46.0 | 68.7 | 73.7 | 76.9 | 79.1 | 79.3 | 80.0 | 80.4 | 80.8 | 81.0 | 81.0 | 81.8 | 81.9 | 82.4 | 83.2 |
| >= 800 | 46.2 | 69.4 | 74.5 | 77.8 | 80.0 | 80.3 | 80.9 | 81.4 | 81.8 | 82.0 | 82.0 | 82.8 | 82.9 | 83.4 | 84.2 |
| >= 700 | 46.2 | 69.9 | 75.3 | 78.6 | 80.9 | 81.1 | 81.7 | 82.3 | 82.7 | 82.9 | 82.9 | 83.7 | 83.8 | 84.3 | 85.1 |
| >= 600 | 46.3 | 70.4 | 76.1 | 79.7 | 82.3 | 82.6 | 83.3 | 83.8 | 84.6 | 84.8 | 84.8 | 85.6 | 85.6 | 86.2 | 86.9 |
| >= 500 | 46.3 | 71.0 | 77.0 | 81.0 | 83.9 | 84.3 | 85.2 | 85.6 | 86.5 | 86.7 | 86.7 | 87.5 | 87.6 | 88.1 | 88.9 |
| >= 400 | 46.3 | 71.2 | 77.3 | 81.6 | 85.3 | 85.9 | 87.0 | 87.9 | 88.7 | 88.9 | 88.9 | 89.8 | 89.9 | 90.4 | 91.2 |
| >= 300 | 46.4 | 71.3 | 77.6 | 82.2 | 86.2 | 86.9 | 88.6 | 89.9 | 91.0 | 91.3 | 91.3 | 92.3 | 92.4 | 92.9 | 93.7 |
| >= 200 | 46.4 | 71.4 | 77.6 | 82.3 | 86.6 | 87.3 | 89.3 | 90.9 | 92.9 | 93.3 | 93.3 | 94.7 | 95.0 | 95.6 | 96.5 |
| >= 100 | 46.4 | 71.4 | 77.6 | 82.3 | 86.6 | 87.3 | 89.3 | 91.0 | 93.0 | 93.8 | 93.8 | 95.3 | 95.9 | 97.6 | 98.9 |
| >= 0 | 46.4 | 71.4 | 77.6 | 82.3 | 86.6 | 87.3 | 89.3 | 91.2 | 93.0 | 93.8 | 93.8 | 95.4 | 95.9 | 97.8 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 35.6 | 45.5 | 47.2 | 48.2 | 48.7 | 48.8 | 49.4 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.8 |
| >=20000 | 39.3 | 50.4 | 52.2 | 53.2 | 53.8 | 53.9 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 |
| >=18000 | 39.6 | 50.7 | 52.6 | 53.6 | 54.1 | 54.3 | 54.8 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 |
| >=16000 | 39.9 | 51.2 | 53.1 | 54.1 | 54.8 | 54.9 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 |
| >=14000 | 41.2 | 52.7 | 54.7 | 55.8 | 56.5 | 56.6 | 57.1 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 |
| >=12000 | 42.4 | 54.3 | 56.4 | 57.5 | 58.2 | 58.4 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.4 |
| >=10000 | 43.2 | 55.5 | 57.7 | 58.8 | 59.6 | 59.8 | 60.4 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.8 |
| >= 9000 | 43.7 | 56.4 | 58.6 | 59.9 | 60.7 | 61.0 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 62.1 |
| >= 8000 | 44.3 | 57.4 | 59.8 | 61.1 | 61.9 | 62.2 | 62.8 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 |
| >= 7000 | 45.3 | 59.1 | 61.6 | 62.9 | 63.8 | 64.2 | 65.0 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 |
| >= 6000 | 45.9 | 60.7 | 63.2 | 64.5 | 65.6 | 66.0 | 66.8 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.3 |
| >= 5000 | 47.0 | 62.3 | 65.0 | 66.4 | 67.7 | 68.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.5 |
| >= 4500 | 47.0 | 62.7 | 65.4 | 67.1 | 68.3 | 68.7 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.3 |
| >= 4000 | 47.4 | 63.3 | 66.1 | 67.7 | 69.0 | 69.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 |
| >= 3500 | 47.6 | 63.8 | 66.9 | 68.5 | 69.7 | 70.2 | 71.4 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 |
| >= 3000 | 48.2 | 65.4 | 68.4 | 70.1 | 71.6 | 72.0 | 73.2 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 |
| >= 2500 | 48.8 | 66.6 | 69.7 | 71.4 | 72.9 | 73.3 | 74.6 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.0 | 75.1 |
| >= 2000 | 49.5 | 67.8 | 70.9 | 72.6 | 74.3 | 74.8 | 76.0 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.7 |
| >= 1800 | 50.0 | 68.4 | 71.4 | 73.1 | 74.9 | 75.4 | 76.7 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 |
| >= 1500 | 50.5 | 69.6 | 72.7 | 74.4 | 76.3 | 76.9 | 78.1 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.8 | 78.9 |
| >= 1200 | 51.5 | 71.2 | 74.3 | 76.1 | 78.2 | 78.7 | 80.0 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.7 |
| >= 1000 | 52.1 | 72.7 | 76.0 | 78.0 | 80.0 | 80.6 | 82.0 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.7 |
| >= 900 | 52.7 | 73.5 | 76.9 | 79.0 | 81.2 | 81.7 | 83.2 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.1 |
| >= 800 | 52.9 | 74.2 | 77.6 | 79.7 | 82.0 | 82.6 | 84.1 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 |
| >= 700 | 53.1 | 75.0 | 78.5 | 81.0 | 83.3 | 83.9 | 85.6 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 |
| >= 600 | 53.3 | 75.9 | 79.5 | 82.0 | 84.6 | 85.3 | 87.3 | 88.1 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 |
| >= 500 | 53.4 | 76.5 | 80.6 | 83.6 | 86.4 | 87.4 | 90.1 | 91.2 | 91.2 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 | 91.9 |
| >= 400 | 53.4 | 76.6 | 81.0 | 84.2 | 87.3 | 88.6 | 91.9 | 93.5 | 93.5 | 93.5 | 94.2 | 94.2 | 94.2 | 94.2 | 94.5 | 94.7 |
| >= 300 | 53.4 | 76.6 | 81.0 | 84.3 | 87.8 | 89.2 | 92.8 | 95.0 | 95.2 | 95.2 | 96.2 | 96.5 | 96.5 | 96.5 | 97.0 | 97.3 |
| >= 200 | 53.4 | 76.6 | 81.0 | 84.4 | 87.9 | 89.5 | 93.4 | 95.8 | 95.9 | 95.9 | 97.4 | 98.0 | 98.2 | 98.2 | 98.8 | 99.1 |
| >= 100 | 53.4 | 76.6 | 81.0 | 84.4 | 87.9 | 89.5 | 93.4 | 95.8 | 95.9 | 95.9 | 97.5 | 98.1 | 98.2 | 98.2 | 99.0 | 99.4 |
| >= 0 | 53.4 | 76.6 | 81.0 | 84.4 | 87.9 | 89.5 | 93.4 | 95.8 | 95.9 | 95.9 | 97.5 | 98.1 | 98.2 | 98.2 | 99.0 | 99.7 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >6 | >5 | >4 | >3 | >=2 1/2 | >2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 42.7 | 50.3 | 51.0 | 51.1 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| >=20000 | 47.7 | 56.1 | 56.8 | 57.0 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| >=18000 | 47.7 | 56.2 | 56.9 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| >=16000 | 48.0 | 56.8 | 57.5 | 57.7 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| >=14000 | 49.2 | 58.3 | 59.0 | 59.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| >=12000 | 50.3 | 59.6 | 60.3 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| >=10000 | 51.3 | 61.2 | 61.9 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| >=9000 | 51.8 | 62.0 | 62.6 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=8000 | 52.6 | 63.1 | 63.9 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| >=7000 | 53.6 | 64.9 | 65.7 | 66.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| >=6000 | 54.4 | 66.2 | 67.1 | 67.6 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| >=5000 | 55.7 | 68.0 | 69.0 | 69.5 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| >=4500 | 55.9 | 68.6 | 69.6 | 70.2 | 70.6 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| >=4000 | 57.1 | 70.1 | 71.2 | 71.7 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| >=3500 | 58.6 | 72.4 | 73.6 | 74.2 | 74.8 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| >=3000 | 59.5 | 73.8 | 74.9 | 75.7 | 76.4 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| >=2500 | 60.5 | 75.2 | 76.5 | 77.2 | 78.0 | 78.2 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| >=2000 | 62.3 | 77.5 | 78.8 | 79.6 | 80.5 | 80.7 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| >=1800 | 62.7 | 78.2 | 79.5 | 80.4 | 81.2 | 81.5 | 81.6 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| >=1500 | 64.0 | 80.2 | 81.6 | 82.6 | 83.4 | 83.6 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| >=1200 | 64.6 | 81.9 | 83.4 | 84.5 | 85.3 | 85.6 | 85.9 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| >=1000 | 65.0 | 83.0 | 84.6 | 85.9 | 86.9 | 87.2 | 87.5 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| >=900 | 65.0 | 83.3 | 85.0 | 86.6 | 87.8 | 88.1 | 88.4 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| >=800 | 65.0 | 84.2 | 86.1 | 87.8 | 88.9 | 89.4 | 89.6 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| >=700 | 65.2 | 84.7 | 86.7 | 88.7 | 89.9 | 90.3 | 90.9 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| >=600 | 65.3 | 85.5 | 87.6 | 90.1 | 91.5 | 92.0 | 92.7 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| >=500 | 65.3 | 86.1 | 88.4 | 91.1 | 92.7 | 93.5 | 94.6 | 95.5 | 95.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| >=400 | 65.3 | 86.2 | 88.7 | 91.5 | 93.5 | 94.5 | 95.9 | 96.9 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=300 | 65.3 | 86.2 | 88.7 | 91.6 | 93.7 | 94.7 | 96.5 | 97.8 | 97.9 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| >=200 | 65.3 | 86.2 | 88.7 | 91.6 | 93.7 | 94.7 | 96.5 | 98.1 | 98.2 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| >=100 | 65.3 | 86.2 | 88.7 | 91.6 | 93.7 | 94.7 | 96.5 | 98.1 | 98.2 | 99.2 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| >=0 | 65.3 | 86.2 | 88.7 | 91.6 | 93.7 | 94.7 | 96.5 | 98.1 | 98.2 | 99.2 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1301

013680 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 43.4 | 51.2 | 51.9 | 52.4 | 52.5 | 52.6 | 52.8 | 52.8 | 52.8 | 52.8 |
| >=20000 | 47.7 | 56.7 | 57.5 | 57.9 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| >=18000 | 47.9 | 57.2 | 58.0 | 58.4 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 |
| >=16000 | 48.4 | 57.7 | 58.4 | 58.9 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| >=14000 | 49.6 | 59.4 | 60.1 | 60.6 | 60.8 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| >=12000 | 51.4 | 61.4 | 62.2 | 62.7 | 62.9 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=10000 | 52.3 | 63.0 | 63.7 | 64.3 | 64.4 | 64.6 | 64.8 | 64.8 | 64.8 | 64.8 |
| >= 9000 | 53.0 | 64.1 | 65.0 | 65.5 | 65.7 | 65.8 | 66.1 | 66.1 | 66.1 | 66.1 |
| >= 8000 | 53.8 | 65.6 | 66.4 | 67.1 | 67.2 | 67.4 | 67.7 | 67.7 | 67.7 | 67.7 |
| >= 7000 | 54.2 | 66.8 | 67.7 | 68.4 | 68.5 | 68.7 | 69.0 | 69.0 | 69.0 | 69.0 |
| >= 6000 | 55.1 | 68.3 | 69.2 | 69.9 | 70.0 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 |
| >= 5000 | 56.5 | 70.0 | 71.0 | 71.7 | 71.9 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 |
| >= 4500 | 57.6 | 71.8 | 72.8 | 73.5 | 73.7 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 |
| >= 4000 | 58.6 | 73.3 | 74.3 | 75.1 | 75.3 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 |
| >= 3500 | 59.1 | 74.1 | 75.3 | 76.0 | 76.3 | 76.4 | 76.9 | 76.9 | 76.9 | 76.9 |
| >= 3000 | 60.4 | 76.2 | 77.4 | 78.3 | 78.7 | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 |
| >= 2500 | 61.5 | 78.1 | 79.4 | 80.3 | 80.9 | 81.0 | 81.6 | 81.6 | 81.6 | 81.6 |
| >= 2000 | 62.5 | 80.1 | 81.5 | 82.6 | 83.3 | 83.5 | 84.2 | 84.2 | 84.2 | 84.2 |
| >= 1800 | 62.7 | 81.0 | 82.6 | 83.8 | 84.5 | 84.6 | 85.4 | 85.4 | 85.4 | 85.4 |
| >= 1500 | 63.1 | 82.2 | 83.7 | 85.0 | 85.7 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 |
| >= 1200 | 63.9 | 84.3 | 86.0 | 87.4 | 88.1 | 88.2 | 89.1 | 89.1 | 89.1 | 89.1 |
| >= 1000 | 64.0 | 84.9 | 86.8 | 88.4 | 89.2 | 89.3 | 90.2 | 90.2 | 90.2 | 90.2 |
| >= 900 | 64.1 | 85.5 | 87.4 | 89.0 | 89.9 | 90.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| >= 800 | 64.1 | 85.7 | 87.8 | 89.4 | 90.3 | 90.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >= 700 | 64.1 | 86.3 | 88.3 | 90.0 | 91.1 | 91.3 | 92.5 | 92.5 | 92.5 | 92.5 |
| >= 600 | 64.3 | 86.8 | 88.9 | 90.8 | 92.2 | 92.5 | 93.9 | 93.9 | 93.9 | 93.9 |
| >= 500 | 64.3 | 86.8 | 89.1 | 91.1 | 92.9 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| >= 400 | 64.4 | 87.1 | 89.6 | 91.7 | 93.7 | 94.4 | 97.1 | 97.1 | 97.1 | 97.1 |
| >= 300 | 64.4 | 87.1 | 89.6 | 91.9 | 94.2 | 94.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| >= 200 | 64.4 | 87.2 | 89.7 | 91.9 | 94.3 | 95.2 | 99.1 | 99.1 | 99.1 | 99.1 |
| >= 100 | 64.4 | 87.2 | 89.7 | 91.9 | 94.3 | 95.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 0 | 64.4 | 87.2 | 89.7 | 91.9 | 94.3 | 95.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 43.1 | 53.4 | 54.2 | 55.0 | 55.5 | 55.6 | 55.7 | 55.7 | 55.9 | 55.9 |
| >=20000 | 45.7 | 57.3 | 58.2 | 59.0 | 59.5 | 59.6 | 59.7 | 59.7 | 59.9 | 59.9 |
| >=18000 | 46.2 | 57.8 | 58.7 | 59.5 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.4 |
| >=16000 | 46.3 | 58.0 | 58.9 | 59.6 | 60.2 | 60.3 | 60.4 | 60.4 | 60.6 | 60.6 |
| >=14000 | 47.8 | 59.6 | 60.7 | 61.5 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 | 62.4 |
| >=12000 | 48.8 | 61.4 | 62.3 | 63.1 | 63.6 | 63.8 | 63.9 | 64.0 | 64.1 | 64.1 |
| >=10000 | 49.7 | 62.9 | 63.8 | 64.6 | 65.1 | 65.2 | 65.3 | 65.4 | 65.6 | 65.6 |
| >=9000 | 50.6 | 64.2 | 65.1 | 65.9 | 66.4 | 66.5 | 66.7 | 66.9 | 66.9 | 66.9 |
| >=8000 | 51.3 | 65.6 | 66.6 | 67.3 | 67.9 | 68.1 | 68.3 | 68.4 | 68.5 | 68.5 |
| >=7000 | 52.7 | 67.9 | 68.9 | 69.9 | 70.6 | 70.8 | 71.1 | 71.3 | 71.3 | 71.3 |
| >=6000 | 53.3 | 69.2 | 70.3 | 71.3 | 72.0 | 72.2 | 72.5 | 72.6 | 72.7 | 72.7 |
| >=5000 | 54.3 | 71.3 | 72.3 | 73.5 | 74.4 | 74.6 | 74.9 | 75.0 | 75.1 | 75.1 |
| >=4500 | 55.1 | 72.6 | 73.7 | 74.9 | 75.9 | 76.1 | 76.5 | 76.6 | 76.7 | 76.7 |
| >=4000 | 55.8 | 73.9 | 75.2 | 76.5 | 77.5 | 77.6 | 78.0 | 78.2 | 78.2 | 78.2 |
| >=3500 | 56.3 | 75.1 | 76.3 | 77.8 | 78.8 | 78.9 | 79.3 | 79.5 | 79.6 | 79.6 |
| >=3000 | 57.1 | 76.6 | 78.0 | 79.6 | 80.8 | 80.9 | 81.4 | 81.6 | 81.6 | 81.6 |
| >=2500 | 58.3 | 78.3 | 79.7 | 81.5 | 82.7 | 82.9 | 83.4 | 83.6 | 83.6 | 83.6 |
| >=2000 | 58.7 | 79.4 | 80.9 | 82.9 | 84.1 | 84.2 | 84.9 | 85.0 | 85.1 | 85.1 |
| >=1800 | 58.8 | 79.9 | 81.8 | 83.8 | 85.0 | 85.2 | 85.8 | 85.9 | 86.0 | 86.0 |
| >=1500 | 59.1 | 80.6 | 82.6 | 84.6 | 86.0 | 86.2 | 86.9 | 87.0 | 87.1 | 87.1 |
| >=1200 | 59.3 | 81.6 | 83.6 | 85.7 | 87.2 | 87.4 | 88.1 | 88.2 | 88.3 | 88.3 |
| >=1000 | 59.6 | 82.4 | 84.6 | 86.9 | 88.3 | 88.5 | 89.2 | 89.4 | 89.5 | 89.5 |
| >=900 | 59.9 | 82.7 | 84.9 | 87.2 | 89.3 | 89.5 | 89.7 | 89.9 | 89.9 | 89.9 |
| >=800 | 59.9 | 83.1 | 85.2 | 87.7 | 89.3 | 89.5 | 90.2 | 90.4 | 90.5 | 90.5 |
| >=700 | 59.9 | 83.1 | 85.2 | 87.9 | 89.5 | 90.0 | 90.7 | 90.9 | 91.0 | 91.0 |
| >=600 | 60.0 | 83.5 | 85.9 | 88.8 | 90.5 | 91.0 | 91.7 | 92.2 | 92.5 | 92.5 |
| >=500 | 60.0 | 84.0 | 86.4 | 89.6 | 91.7 | 92.2 | 93.1 | 93.7 | 94.1 | 94.1 |
| >=400 | 60.0 | 84.3 | 86.9 | 90.4 | 92.8 | 93.4 | 94.7 | 95.3 | 95.8 | 95.8 |
| >=300 | 60.0 | 84.4 | 86.9 | 90.5 | 93.1 | 93.8 | 95.4 | 96.5 | 97.5 | 97.6 |
| >=200 | 60.0 | 84.4 | 86.9 | 90.5 | 93.2 | 94.1 | 95.8 | 97.0 | 98.3 | 99.0 |
| >=100 | 60.0 | 84.4 | 86.9 | 90.5 | 93.2 | 94.1 | 95.8 | 97.1 | 98.7 | 99.8 |
| >= 0 | 60.0 | 84.4 | 86.9 | 90.5 | 93.2 | 94.1 | 95.8 | 97.1 | 98.7 | 100.0 |

TOTAL NO. OF CBS : 1301

CEILING VS VISIBILITY

013930 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 40.2 | 51.8 | 53.8 | 55.0 | 55.8 | 55.9 | 56.5 | 56.5 | 56.6 | 56.2 |
| >=20000 | 42.6 | 55.1 | 57.1 | 58.3 | 59.1 | 59.2 | 59.8 | 59.8 | 59.9 | 60.1 |
| >=18000 | 42.8 | 55.3 | 57.3 | 58.5 | 59.3 | 59.4 | 60.0 | 60.1 | 60.1 | 60.3 |
| >=16000 | 42.9 | 55.5 | 57.5 | 58.7 | 59.4 | 59.6 | 60.2 | 60.3 | 60.3 | 60.4 |
| >=14000 | 44.2 | 56.9 | 58.9 | 60.1 | 60.9 | 61.1 | 61.6 | 61.7 | 61.8 | 61.9 |
| >=12000 | 45.1 | 58.3 | 60.3 | 61.5 | 62.4 | 62.5 | 63.1 | 63.2 | 63.2 | 63.4 |
| >=10000 | 45.9 | 59.8 | 61.8 | 63.0 | 63.8 | 64.0 | 64.5 | 64.6 | 64.7 | 64.8 |
| >=9000 | 46.8 | 61.2 | 63.2 | 64.6 | 65.4 | 65.6 | 66.1 | 66.2 | 66.3 | 66.4 |
| >=8000 | 47.7 | 62.6 | 64.7 | 66.1 | 67.0 | 67.1 | 67.7 | 67.7 | 67.8 | 67.9 |
| >=7000 | 48.3 | 64.4 | 66.7 | 68.1 | 69.0 | 69.3 | 69.8 | 69.9 | 70.0 | 70.2 |
| >=6000 | 49.3 | 65.9 | 68.3 | 70.0 | 70.9 | 71.2 | 71.8 | 71.9 | 72.0 | 72.1 |
| >=5000 | 50.1 | 67.2 | 69.7 | 71.4 | 72.4 | 72.7 | 73.3 | 73.4 | 73.4 | 73.7 |
| >=4500 | 51.0 | 68.9 | 71.5 | 73.2 | 74.1 | 74.4 | 75.0 | 75.2 | 75.3 | 75.5 |
| >=4000 | 51.7 | 70.3 | 72.9 | 74.7 | 75.6 | 75.9 | 76.5 | 76.7 | 76.7 | 77.0 |
| >=3500 | 52.5 | 71.6 | 74.3 | 76.3 | 77.2 | 77.5 | 78.3 | 78.4 | 78.5 | 78.7 |
| >=3000 | 53.5 | 73.3 | 76.0 | 78.0 | 79.0 | 79.3 | 80.0 | 80.2 | 80.3 | 80.5 |
| >=2500 | 54.1 | 74.4 | 77.2 | 79.2 | 80.1 | 80.4 | 81.2 | 81.3 | 81.4 | 81.6 |
| >=2000 | 54.7 | 75.7 | 78.4 | 80.6 | 81.5 | 81.8 | 82.6 | 82.7 | 82.8 | 83.0 |
| >=1800 | 54.9 | 76.0 | 79.0 | 81.1 | 82.0 | 82.3 | 83.3 | 83.4 | 83.5 | 83.7 |
| >=1500 | 55.4 | 77.2 | 80.1 | 82.3 | 83.2 | 83.5 | 84.6 | 84.7 | 84.7 | 84.9 |
| >=1200 | 55.8 | 78.1 | 81.0 | 83.3 | 84.3 | 84.6 | 85.6 | 85.7 | 85.8 | 86.0 |
| >=1000 | 55.9 | 78.8 | 81.9 | 84.2 | 85.3 | 85.6 | 86.6 | 86.9 | 86.9 | 87.2 |
| >=900 | 55.9 | 79.0 | 82.2 | 84.6 | 85.7 | 86.0 | 87.2 | 87.5 | 87.6 | 87.8 |
| >=800 | 55.9 | 79.3 | 82.7 | 85.2 | 86.3 | 86.6 | 87.9 | 88.2 | 88.2 | 88.5 |
| >=700 | 55.9 | 79.6 | 83.2 | 85.6 | 86.7 | 87.1 | 88.4 | 88.7 | 88.8 | 89.0 |
| >=600 | 56.1 | 80.0 | 83.6 | 86.3 | 87.5 | 88.0 | 89.4 | 89.7 | 89.8 | 90.0 |
| >=500 | 56.3 | 80.6 | 84.5 | 87.6 | 89.2 | 89.8 | 91.3 | 91.6 | 91.7 | 91.9 |
| >=400 | 56.3 | 81.2 | 85.2 | 88.4 | 90.2 | 90.8 | 92.7 | 93.3 | 93.4 | 93.7 |
| >=300 | 56.3 | 81.2 | 85.2 | 88.8 | 90.8 | 91.4 | 93.9 | 94.7 | 94.8 | 95.3 |
| >=200 | 56.3 | 81.2 | 85.4 | 89.1 | 91.2 | 91.9 | 94.6 | 95.7 | 95.9 | 96.5 |
| >=100 | 56.3 | 81.2 | 85.4 | 89.1 | 91.2 | 92.0 | 94.7 | 96.0 | 96.1 | 97.0 |
| >= | 56.3 | 81.2 | 85.4 | 89.1 | 91.2 | 92.0 | 94.7 | 96.0 | 96.1 | 97.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JAN
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | >=0 |
| UNLIMIT | 38.6 | 48.8 | 50.3 | 51.5 | 52.1 | 52.2 | 52.5 | 52.5 | 52.6 | 52.7 | 52.8 | 53.0 | 53.0 | 53.1 | 53.4 | 53.4 |
| >=20000 | 41.5 | 52.8 | 54.3 | 55.5 | 56.1 | 56.2 | 56.5 | 56.6 | 56.6 | 56.8 | 56.8 | 57.0 | 57.1 | 57.2 | 57.4 | 57.4 |
| >=18000 | 41.7 | 53.1 | 54.7 | 55.8 | 56.5 | 56.6 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.4 | 57.4 | 57.6 | 57.8 | 57.8 |
| >=16000 | 42.0 | 53.4 | 55.0 | 56.2 | 56.8 | 57.0 | 57.2 | 57.3 | 57.3 | 57.5 | 57.6 | 57.8 | 57.8 | 57.9 | 58.2 | 58.2 |
| >=14000 | 43.2 | 54.9 | 56.6 | 57.8 | 58.4 | 58.5 | 58.8 | 58.9 | 58.9 | 59.1 | 59.1 | 59.3 | 59.4 | 59.5 | 59.7 | 59.7 |
| >=12000 | 44.3 | 56.5 | 58.2 | 59.4 | 60.1 | 60.3 | 60.6 | 60.6 | 60.7 | 60.8 | 60.9 | 61.1 | 61.1 | 61.3 | 61.5 | 61.5 |
| >=10000 | 45.1 | 57.8 | 59.6 | 60.8 | 61.5 | 61.7 | 62.0 | 62.0 | 62.1 | 62.2 | 62.3 | 62.5 | 62.5 | 62.7 | 62.9 | 62.9 |
| >= 9000 | 45.7 | 58.9 | 60.7 | 61.9 | 62.7 | 62.8 | 63.1 | 63.2 | 63.2 | 63.4 | 63.5 | 63.7 | 63.7 | 63.8 | 64.1 | 64.1 |
| >= 8000 | 46.3 | 60.1 | 62.0 | 63.3 | 64.1 | 64.2 | 64.5 | 64.6 | 64.6 | 64.8 | 64.9 | 65.1 | 65.1 | 65.3 | 65.5 | 65.5 |
| >= 7000 | 47.3 | 61.9 | 63.8 | 65.3 | 66.1 | 66.3 | 66.7 | 66.8 | 66.8 | 66.9 | 67.0 | 67.2 | 67.3 | 67.4 | 67.7 | 67.7 |
| >= 6000 | 48.1 | 63.4 | 65.4 | 66.9 | 67.8 | 68.0 | 68.4 | 68.5 | 68.5 | 68.7 | 68.7 | 69.0 | 69.0 | 69.2 | 69.4 | 69.4 |
| >= 5000 | 49.2 | 65.1 | 67.3 | 68.9 | 69.9 | 70.1 | 70.5 | 70.6 | 70.6 | 70.8 | 70.9 | 71.1 | 71.2 | 71.3 | 71.6 | 71.6 |
| >= 4500 | 49.8 | 66.3 | 68.5 | 70.2 | 71.2 | 71.4 | 71.9 | 72.0 | 72.0 | 72.2 | 72.3 | 72.5 | 72.6 | 72.7 | 73.0 | 73.0 |
| >= 4000 | 50.5 | 67.5 | 69.8 | 71.5 | 72.6 | 72.8 | 73.2 | 73.3 | 73.4 | 73.6 | 73.6 | 73.9 | 73.9 | 74.1 | 74.4 | 74.4 |
| >= 3500 | 51.1 | 68.6 | 71.1 | 72.8 | 73.9 | 74.1 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.3 | 75.3 | 75.5 | 75.7 | 75.7 |
| >= 3000 | 51.9 | 70.1 | 72.6 | 74.5 | 75.6 | 75.9 | 76.4 | 76.5 | 76.5 | 76.7 | 76.8 | 77.1 | 77.1 | 77.2 | 77.5 | 77.5 |
| >= 2500 | 52.7 | 71.6 | 74.2 | 76.1 | 77.3 | 77.5 | 78.1 | 78.2 | 78.2 | 78.5 | 78.5 | 78.8 | 78.8 | 79.0 | 79.3 | 79.3 |
| >= 2000 | 53.5 | 73.1 | 75.7 | 77.7 | 79.0 | 79.2 | 79.8 | 80.0 | 80.0 | 80.2 | 80.3 | 80.6 | 80.6 | 80.8 | 81.1 | 81.1 |
| >= 1900 | 53.8 | 73.6 | 76.4 | 78.4 | 79.7 | 79.9 | 80.5 | 80.7 | 80.7 | 81.0 | 81.0 | 81.3 | 81.4 | 81.5 | 81.8 | 81.8 |
| >= 1500 | 54.3 | 74.8 | 77.6 | 79.7 | 81.0 | 81.3 | 81.9 | 82.1 | 82.2 | 82.4 | 82.5 | 82.8 | 82.8 | 82.9 | 83.2 | 83.2 |
| >= 1200 | 54.9 | 76.0 | 78.9 | 81.1 | 82.4 | 82.7 | 83.3 | 83.6 | 83.7 | 83.9 | 84.0 | 84.3 | 84.3 | 84.5 | 84.8 | 84.8 |
| >= 1000 | 55.1 | 77.0 | 80.1 | 82.3 | 83.8 | 84.0 | 84.7 | 85.0 | 85.1 | 85.3 | 85.4 | 85.7 | 85.7 | 85.9 | 86.2 | 86.2 |
| >= 900 | 55.3 | 77.5 | 80.6 | 83.0 | 84.5 | 84.8 | 85.5 | 85.9 | 85.9 | 86.2 | 86.3 | 86.6 | 86.6 | 86.8 | 87.1 | 87.1 |
| >= 800 | 55.4 | 78.0 | 81.2 | 83.7 | 85.3 | 85.6 | 86.3 | 86.8 | 86.8 | 87.0 | 87.1 | 87.4 | 87.5 | 87.6 | 87.9 | 87.9 |
| >= 700 | 55.5 | 78.4 | 81.8 | 84.3 | 86.0 | 86.3 | 87.2 | 87.6 | 87.6 | 87.9 | 88.0 | 88.3 | 88.4 | 88.5 | 88.8 | 88.8 |
| >= 600 | 55.6 | 79.0 | 82.5 | 85.3 | 87.2 | 87.6 | 88.6 | 89.1 | 89.1 | 89.5 | 89.6 | 89.9 | 89.9 | 90.1 | 90.4 | 90.4 |
| >= 500 | 55.6 | 79.5 | 83.2 | 86.3 | 88.4 | 88.9 | 90.2 | 90.9 | 90.9 | 91.3 | 91.4 | 91.7 | 91.7 | 91.9 | 92.2 | 92.2 |
| >= 400 | 55.7 | 79.7 | 83.7 | 87.0 | 89.5 | 90.2 | 91.8 | 92.7 | 92.8 | 93.2 | 93.4 | 93.7 | 93.8 | 94.0 | 94.3 | 94.3 |
| >= 300 | 55.7 | 79.8 | 83.8 | 87.3 | 90.1 | 90.9 | 93.0 | 94.3 | 94.3 | 95.1 | 95.4 | 95.8 | 95.9 | 96.1 | 96.4 | 96.4 |
| >= 200 | 55.7 | 79.9 | 83.9 | 87.4 | 90.3 | 91.1 | 93.5 | 95.0 | 95.1 | 96.2 | 96.6 | 97.3 | 97.5 | 97.9 | 98.3 | 98.3 |
| >= 100 | 55.7 | 79.9 | 83.9 | 87.4 | 90.3 | 91.1 | 93.5 | 95.1 | 95.2 | 96.5 | 97.0 | 97.9 | 98.1 | 98.8 | 99.5 | 99.5 |
| >= 0 | 55.7 | 79.9 | 83.9 | 87.4 | 90.3 | 91.1 | 93.5 | 95.1 | 95.2 | 96.5 | 97.0 | 97.9 | 98.1 | 99.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 10412

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | |
| N | .7 | 2.4 | 1.6 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 |
| NNE | .9 | 3.0 | 2.6 | 1.1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 7.9 |
| NE | .8 | 3.0 | 2.9 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 |
| ENE | .4 | 1.4 | 1.9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 |
| E | .3 | 1.5 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 |
| ESE | .3 | .7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 |
| SE | .4 | .8 | .1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 |
| SSE | .8 | .5 | .5 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 |
| S | 1.1 | 1.9 | 2.3 | .8 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 6.6 |
| SSW | .9 | 3.0 | 3.2 | 1.9 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | 9.8 |
| SW | .3 | 2.4 | 3.7 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 |
| WSW | .7 | 1.9 | 1.8 | .9 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 5.6 |
| W | .8 | 1.6 | 3.2 | 1.5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 7.8 |
| WNW | .1 | 1.2 | 3.0 | 2.4 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 |
| NW | .6 | .7 | 2.4 | .8 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 10.5 |
| NNW | .7 | 2.3 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 9.9 | 28.1 | 31.9 | 14.8 | 3.1 | .6 | .0 | .0 | .0 | .0 | .0 | 11.6 |
| | | | | | | | | | | | | 100.0 |
| | | | | | | | | | | | | 7.0 |

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|--|--|--|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | | |
| N | 1.3 | 3.5 | 3.5 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.5 | 7.1 | | | | | |
| NNE | 1.1 | 3.3 | 4.3 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | 7.2 | | | | | |
| NE | .4 | 1.9 | 3.5 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.1 | | | | | |
| ENE | .3 | 1.6 | 1.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.1 | | | | | |
| E | .3 | .7 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 5.6 | | | | | |
| ESE | .3 | .5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 6.1 | | | | | |
| SE | .3 | .8 | .5 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 7.0 | | | | | |
| SSE | .2 | .6 | .1 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 8.7 | | | | | |
| S | .9 | 1.0 | 1.7 | .7 | .4 | .1 | .1 | .0 | .0 | .0 | .0 | 4.9 | 8.3 | | | | | |
| SSW | .7 | 2.3 | 3.1 | 1.2 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | 7.9 | 8.6 | | | | | |
| SW | .3 | 1.8 | 3.5 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 8.6 | | | | | |
| WSW | .5 | 1.9 | 3.0 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.0 | | | | | |
| W | .5 | 2.0 | 3.2 | 2.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 8.3 | 8.9 | | | | | |
| WNW | .2 | 1.3 | 3.0 | 1.2 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 9.9 | | | | | |
| NW | .4 | 1.3 | 1.4 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.5 | | | | | |
| NNW | 1.1 | 2.9 | 1.6 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 6.8 | | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | .0 | | | | | |
| ALL | 8.8 | 27.5 | 34.5 | 15.3 | 3.4 | .3 | .1 | .0 | .0 | .0 | .0 | 100.0 | 7.2 | | | | | |

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN WIND SPEED |
|----------------|-----|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------------|
| N | 1.5 | 3.7 | 4.0 | 1.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.5 | 7.5 |
| NNE | .6 | 3.8 | 4.7 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 7.5 |
| NE | .8 | 3.0 | 3.1 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 7.7 |
| ENE | .3 | 1.4 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 6.7 |
| E | .3 | 1.0 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.3 |
| ESE | .2 | .3 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 6.9 |
| SE | .3 | .8 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.5 |
| SSE | .4 | .6 | .3 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 8.4 |
| S | .7 | 1.4 | 1.3 | .4 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.6 |
| SSW | .5 | 1.8 | 2.1 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 9.1 |
| SW | .5 | 2.4 | 3.6 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 7.9 |
| WSW | .6 | 1.9 | 3.5 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 7.5 |
| W | .6 | 2.4 | 3.8 | 2.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 8.8 |
| WNW | .7 | 1.6 | 2.5 | 1.3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 8.7 |
| NW | .7 | 1.9 | 1.7 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.7 |
| NNW | .7 | 2.2 | 1.9 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 6.8 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | .0 |
| ALL | 9.4 | 30.2 | 35.2 | 14.0 | 2.4 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.2 |

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| | | | | | | | | | | | | % | MEAN WIND SPEED |
| N | .1 | 1.5 | 4.5 | 3.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 9.8 |
| NNE | .5 | 1.8 | 4.3 | 3.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 10.0 | 9.4 |
| NE | .0 | 2.1 | 5.3 | 3.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 11.2 | 9.3 |
| ENE | .3 | 1.7 | 2.3 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 8.2 |
| E | .2 | 1.3 | 2.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 7.6 |
| ESE | .2 | .8 | .3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 7.5 |
| SE | .1 | .6 | .5 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 9.6 |
| SSE | .3 | .8 | .4 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 2.0 | 8.2 |
| S | .2 | .8 | 1.2 | 1.0 | .8 | .0 | .1 | .0 | .0 | .0 | .0 | 4.1 | 11.4 |
| SSW | .3 | .6 | 1.9 | 1.7 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | 5.5 | 11.5 |
| SW | .3 | 1.6 | 3.7 | 2.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 8.3 | 9.8 |
| WSW | .3 | 1.2 | 2.6 | 2.6 | .5 | .4 | .1 | .0 | .0 | .0 | .0 | 7.7 | 11.1 |
| W | .2 | .8 | 3.4 | 2.8 | .9 | .5 | .0 | .1 | .0 | .0 | .0 | 8.7 | 11.8 |
| WNW | .2 | 1.1 | 2.4 | 2.4 | 1.3 | .3 | .1 | .0 | .0 | .0 | .0 | 7.7 | 12.0 |
| NW | .3 | .8 | 1.1 | 1.3 | .4 | .0 | .1 | .0 | .0 | .0 | .0 | 4.0 | 10.6 |
| NNW | .0 | 1.3 | 2.4 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .0 |
| ALL | 3.3 | 19.0 | 38.5 | 29.5 | 6.2 | 1.6 | .4 | .1 | .0 | .0 | .0 | 100.0 | 9.9 |

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | .0 | 1.4 | 3.6 | 2.9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 8.2 | 10.1 | | | | |
| NNE | .2 | 1.3 | 3.1 | 1.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 8.9 | | | | |
| NE | .1 | .8 | 3.0 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 9.0 | | | | |
| ENE | .4 | 1.2 | 2.0 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 8.3 | | | | |
| E | .2 | .7 | 1.3 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 9.1 | | | | |
| ESE | .1 | .8 | 1.9 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 9.2 | | | | |
| SE | .1 | .3 | 1.4 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 2.9 | 10.4 | | | | |
| SSE | .2 | .8 | .8 | .6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 9.4 | | | | |
| S | .1 | .5 | 2.0 | 1.9 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | 5.9 | 12.5 | | | | |
| SSW | .3 | .6 | 1.5 | 3.9 | 1.4 | .6 | .0 | .0 | .0 | .0 | .0 | 8.3 | 13.3 | | | | |
| SW | .2 | 1.1 | 2.5 | 2.2 | .8 | .4 | .0 | .0 | .0 | .0 | .0 | 7.3 | 11.4 | | | | |
| WSW | .3 | .7 | 2.6 | 4.0 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | 9.4 | 12.4 | | | | |
| W | .2 | .8 | 3.7 | 4.7 | 1.6 | .3 | .0 | .1 | .0 | .0 | .0 | 11.4 | 12.4 | | | | |
| WNW | .3 | .9 | 2.1 | 3.1 | 1.3 | .7 | .0 | .1 | .0 | .0 | .0 | 8.5 | 13.0 | | | | |
| NW | .3 | .7 | 1.9 | 1.5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 5.0 | 10.5 | | | | |
| NNW | .2 | 1.1 | 2.0 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 9.6 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| ALL | 3.0 | 13.7 | 35.5 | 34.8 | 9.2 | 2.9 | .0 | .2 | .0 | .0 | .0 | 100.0 | 10.9 | | | | |

TOTAL NO. OF OBS : 1186

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | |
| N | .3 | 1.3 | 3.5 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.2 |
| NNE | .1 | 1.2 | 2.2 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 |
| NE | .3 | .9 | 1.8 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 |
| ENE | .1 | .7 | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 |
| E | .0 | .4 | 2.8 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 |
| ESE | .1 | .8 | 2.3 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.9 |
| SE | .0 | .5 | 2.3 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 |
| SSE | .1 | .3 | 3.0 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 |
| S | .1 | .5 | 3.1 | 5.0 | .6 | .3 | .0 | .0 | .0 | .0 | .0 | 12.0 |
| SSW | .3 | .8 | 2.1 | 5.7 | .9 | .3 | .0 | .0 | .0 | .0 | .0 | 12.4 |
| SW | .1 | .5 | 1.6 | 2.4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 11.4 |
| WSW | .2 | .4 | 1.4 | 2.2 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | 13.1 |
| W | .3 | .7 | 2.5 | 3.5 | 1.6 | .8 | .2 | .0 | .0 | .0 | .0 | 13.4 |
| WNW | .0 | .8 | 1.6 | 4.1 | 1.1 | .6 | .1 | .0 | .0 | .0 | .0 | 13.2 |
| NW | .0 | .9 | 2.2 | 3.1 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | 11.3 |
| NNW | .0 | .8 | 2.4 | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 1.7 | 11.5 | 37.1 | 39.7 | 6.8 | 2.5 | .3 | .0 | .0 | .0 | .0 | 11.1 |

TOTAL NO. OF OBS : 1185

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|---|------|---|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|-------|------------|-----------------------|
| | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | |
| N | .4 | | 3.1 | | 2.0 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 7.2 | |
| NNE | .4 | | 1.6 | | 2.1 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 7.8 | |
| NE | .6 | | 1.3 | | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 7.1 | |
| ENE | .3 | | 1.3 | | 2.9 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 8.0 | |
| E | .4 | | 2.4 | | 3.6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 7.1 | |
| ESE | .4 | | 1.4 | | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 6.6 | |
| SE | .3 | | 2.8 | | 1.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 6.6 | |
| SSE | 1.0 | | 4.5 | | 1.9 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 6.0 | |
| S | .8 | | 4.0 | | 5.8 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.6 | 7.8 | |
| SSW | .3 | | 2.2 | | 6.9 | 2.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.7 | 8.5 | |
| SW | .3 | | 1.4 | | 2.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.9 | |
| WSW | .1 | | 1.6 | | 1.4 | .7 | .1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 8.9 | |
| W | .4 | | 1.3 | | 3.8 | 1.9 | .7 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 10.5 | |
| WNW | .2 | | .9 | | 1.6 | .8 | .4 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 10.7 | |
| NW | .2 | | 1.1 | | 1.4 | .7 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 8.4 | |
| NNW | .3 | | 1.5 | | 1.5 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.2 | |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | .0 | |
| ALL | 6.2 | | 32.6 | | 42.8 | 13.3 | 1.8 | .9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.8 | |

TOTAL NO. OF OBS : 1185

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N | .5 | 2.7 | 1.6 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.9 |
| NNE | .6 | 2.5 | 2.7 | .8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 8.0 |
| NE | 1.0 | 3.3 | 2.8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 6.3 |
| ENE | .5 | 2.5 | 2.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.4 |
| E | .6 | 1.4 | .8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.2 |
| ESE | .8 | 1.4 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 5.8 |
| SE | .7 | 1.7 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 6.2 |
| SSE | 1.2 | 1.2 | 1.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 6.5 |
| S | 1.1 | 4.3 | 1.7 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 6.7 |
| SSW | .4 | 3.5 | 4.6 | 1.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.8 | 8.3 |
| SW | .8 | 1.7 | 3.6 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 7.9 |
| WSW | .7 | 1.5 | 3.1 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.9 |
| W | .7 | 1.4 | 2.7 | 1.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 10.3 |
| WNW | .1 | .8 | 1.9 | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 11.6 |
| NW | .4 | .7 | 1.4 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 7.9 |
| NNW | .3 | .8 | .9 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | .0 |
| ALL | 10.4 | 31.3 | 31.9 | 13.8 | 2.7 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.1 |

TOTAL NO. OF OBS : 1185

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|-----|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N | .6 | 2.5 | 3.0 | 1.7 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 8.2 |
| NNE | .5 | 2.3 | 3.3 | 1.5 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 8.1 |
| NE | .5 | 2.0 | 3.1 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 7.9 |
| ENE | .3 | 1.5 | 2.0 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 7.6 |
| E | .3 | 1.2 | 1.6 | .5 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.5 |
| ESE | .3 | .8 | 1.0 | .5 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 7.8 |
| SE | .3 | 1.0 | .9 | .6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.0 |
| SSE | .5 | 1.1 | 1.0 | .6 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.8 |
| S | .6 | 1.8 | 2.4 | 1.6 | .5 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 9.2 |
| SSW | .5 | 1.8 | 3.2 | 2.5 | .6 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.8 | 9.9 |
| SW | .3 | 1.6 | 3.1 | 1.6 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 9.1 |
| WSW | .4 | 1.4 | 2.4 | 1.7 | .5 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 9.8 |
| W | .5 | 1.4 | 3.3 | 2.6 | .9 | .3 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 10.8 |
| WNW | .2 | 1.1 | 2.2 | 2.2 | .8 | .3 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 11.3 |
| NW | .4 | 1.0 | 1.7 | 1.2 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.2 |
| NNW | .4 | 1.6 | 1.9 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 8.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | .0 |
| ALL | 6.6 | 24.2 | 35.9 | 21.9 | 4.4 | 1.3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.5 |

TOTAL NO. OF OBS : 9485

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 36.9 | 54.5 | 56.1 | 57.2 | 58.7 | 58.8 | 59.1 | 59.4 | 59.4 | 59.4 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| >=20000 | 38.3 | 57.3 | 59.2 | 60.3 | 61.8 | 61.9 | 62.3 | 62.6 | 62.6 | 62.6 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| >=18000 | 38.4 | 57.6 | 59.5 | 60.6 | 62.1 | 62.2 | 62.6 | 62.9 | 62.9 | 62.9 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >=16000 | 38.6 | 57.8 | 59.7 | 60.8 | 62.3 | 62.4 | 62.8 | 63.1 | 63.1 | 63.1 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| >=14000 | 39.0 | 58.7 | 60.8 | 61.9 | 63.4 | 63.5 | 63.9 | 64.2 | 64.2 | 64.2 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| >=12000 | 40.7 | 60.8 | 63.0 | 64.2 | 65.7 | 65.8 | 66.2 | 66.4 | 66.4 | 66.4 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| >=10000 | 41.1 | 62.1 | 64.3 | 65.5 | 67.1 | 67.2 | 67.6 | 68.0 | 68.0 | 68.0 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| >=9000 | 41.6 | 62.8 | 65.2 | 66.4 | 68.0 | 68.1 | 68.5 | 68.9 | 68.9 | 68.9 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| >=8000 | 42.1 | 63.7 | 66.1 | 67.4 | 69.0 | 69.1 | 69.5 | 69.8 | 69.8 | 69.8 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| >=7000 | 43.1 | 65.5 | 68.0 | 69.3 | 71.0 | 71.1 | 71.5 | 71.8 | 71.8 | 71.8 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| >=6000 | 43.7 | 66.7 | 69.2 | 70.7 | 72.3 | 72.4 | 72.8 | 73.2 | 73.2 | 73.2 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| >=5000 | 44.7 | 68.8 | 71.7 | 73.3 | 75.0 | 75.0 | 75.5 | 75.8 | 75.8 | 75.8 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| >=4500 | 45.5 | 70.3 | 73.2 | 74.9 | 76.6 | 76.7 | 77.2 | 77.5 | 77.5 | 77.5 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >=4000 | 46.2 | 71.7 | 74.5 | 76.2 | 78.0 | 78.1 | 78.5 | 78.8 | 78.8 | 78.8 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| >=3500 | 46.6 | 72.4 | 75.5 | 77.3 | 79.1 | 79.2 | 79.6 | 79.9 | 79.9 | 79.9 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| >=3000 | 47.0 | 73.4 | 76.5 | 78.2 | 80.1 | 80.2 | 80.6 | 80.9 | 80.9 | 80.9 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| >=2500 | 47.7 | 74.9 | 78.2 | 80.0 | 82.0 | 82.1 | 82.6 | 83.0 | 83.0 | 83.0 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| >=2000 | 48.2 | 76.1 | 79.7 | 81.5 | 83.6 | 83.6 | 84.1 | 84.5 | 84.5 | 84.5 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| >=1800 | 48.3 | 76.6 | 80.2 | 82.0 | 84.1 | 84.1 | 84.7 | 85.1 | 85.1 | 85.1 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| >=1500 | 48.6 | 77.2 | 81.0 | 83.1 | 85.1 | 85.2 | 85.6 | 86.1 | 86.1 | 86.1 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| >=1200 | 48.7 | 77.7 | 81.6 | 83.6 | 85.7 | 85.8 | 86.5 | 86.8 | 86.8 | 86.8 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| >=1000 | 48.8 | 78.7 | 82.5 | 84.7 | 86.7 | 86.9 | 87.7 | 88.0 | 88.1 | 88.1 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| >=900 | 49.1 | 79.1 | 83.1 | 85.2 | 87.2 | 87.4 | 88.2 | 88.5 | 88.6 | 88.6 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| >=800 | 49.4 | 79.7 | 83.7 | 85.8 | 87.9 | 88.1 | 88.9 | 89.2 | 89.3 | 89.3 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| >=700 | 49.4 | 80.0 | 84.1 | 86.3 | 88.5 | 88.9 | 89.7 | 90.1 | 90.1 | 90.1 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| >=600 | 49.5 | 80.4 | 84.7 | 87.1 | 89.5 | 89.9 | 90.7 | 91.1 | 91.1 | 91.1 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| >=500 | 49.5 | 80.9 | 85.2 | 87.8 | 90.6 | 91.0 | 92.2 | 92.6 | 92.7 | 92.7 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| >=400 | 49.5 | 80.9 | 85.4 | 88.4 | 91.4 | 91.9 | 93.3 | 93.6 | 93.8 | 93.8 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| >=300 | 49.5 | 81.1 | 85.9 | 89.2 | 92.4 | 92.9 | 94.4 | 95.0 | 95.1 | 95.1 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| >=200 | 49.5 | 81.1 | 85.9 | 89.2 | 92.6 | 93.1 | 94.7 | 95.7 | 95.8 | 95.8 | 97.0 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=100 | 49.5 | 81.1 | 85.9 | 89.2 | 92.6 | 93.1 | 94.7 | 95.8 | 95.9 | 95.9 | 97.2 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| >= 0 | 49.5 | 81.1 | 85.9 | 89.2 | 92.6 | 93.1 | 94.7 | 95.8 | 95.9 | 95.9 | 97.2 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 34.0 | 50.6 | 53.0 | 54.5 | 55.7 | 55.8 | 56.6 | 57.0 | 57.0 | 57.8 |
| >=20000 | 35.6 | 53.0 | 55.7 | 57.3 | 58.5 | 58.6 | 59.4 | 59.9 | 59.9 | 60.6 |
| >=18000 | 35.8 | 53.4 | 56.1 | 57.6 | 58.9 | 58.9 | 59.8 | 60.2 | 60.2 | 61.0 |
| >=16000 | 35.9 | 53.5 | 56.2 | 57.8 | 59.0 | 59.1 | 59.9 | 60.4 | 60.4 | 61.1 |
| >=14000 | 36.8 | 54.7 | 57.4 | 58.9 | 60.2 | 60.3 | 61.1 | 61.6 | 61.6 | 62.3 |
| >=12000 | 37.6 | 56.1 | 58.8 | 60.3 | 61.6 | 61.6 | 62.5 | 62.9 | 62.9 | 63.7 |
| >=10000 | 38.3 | 57.6 | 60.5 | 62.0 | 63.2 | 63.3 | 64.2 | 64.6 | 64.6 | 65.3 |
| >= 9000 | 39.0 | 59.2 | 62.1 | 63.6 | 64.8 | 64.9 | 65.8 | 66.2 | 66.2 | 66.9 |
| >= 8000 | 39.5 | 60.1 | 63.2 | 64.7 | 66.1 | 66.2 | 67.0 | 67.5 | 67.5 | 68.2 |
| >= 7000 | 40.1 | 61.7 | 64.8 | 66.3 | 67.8 | 67.9 | 68.7 | 69.1 | 69.1 | 69.9 |
| >= 6000 | 41.0 | 63.3 | 66.4 | 68.0 | 69.5 | 69.6 | 70.5 | 70.9 | 70.9 | 71.7 |
| >= 5000 | 42.1 | 65.9 | 69.2 | 70.9 | 72.6 | 72.7 | 73.7 | 74.1 | 74.1 | 74.9 |
| >= 4500 | 42.3 | 66.9 | 70.2 | 71.9 | 73.6 | 73.7 | 74.7 | 75.1 | 75.1 | 75.9 |
| >= 4000 | 42.6 | 67.8 | 71.2 | 72.9 | 74.6 | 74.7 | 75.7 | 76.1 | 76.1 | 76.9 |
| >= 3500 | 43.0 | 68.7 | 72.1 | 73.9 | 75.6 | 75.7 | 76.7 | 77.2 | 77.2 | 78.0 |
| >= 3000 | 43.6 | 70.1 | 73.6 | 75.5 | 77.3 | 77.4 | 78.5 | 79.1 | 79.1 | 79.8 |
| >= 2500 | 43.8 | 70.9 | 74.5 | 76.6 | 78.3 | 78.4 | 79.5 | 80.1 | 80.1 | 80.9 |
| >= 2000 | 44.1 | 71.7 | 75.4 | 77.4 | 79.3 | 79.4 | 80.6 | 81.2 | 81.2 | 82.0 |
| >= 1800 | 44.4 | 72.5 | 76.2 | 78.2 | 80.2 | 80.3 | 81.5 | 82.1 | 82.1 | 83.0 |
| >= 1500 | 45.0 | 73.6 | 77.3 | 79.3 | 81.3 | 81.4 | 82.6 | 83.2 | 83.2 | 84.1 |
| >= 1200 | 45.5 | 74.4 | 78.2 | 80.4 | 82.4 | 82.5 | 83.8 | 84.5 | 84.5 | 85.3 |
| >= 1000 | 46.0 | 75.3 | 79.2 | 81.4 | 83.4 | 83.5 | 84.8 | 85.5 | 85.5 | 86.4 |
| >= 900 | 46.1 | 75.9 | 79.8 | 82.0 | 84.1 | 84.1 | 85.5 | 86.2 | 86.2 | 87.1 |
| >= 800 | 46.3 | 76.5 | 80.4 | 82.6 | 84.7 | 84.7 | 86.1 | 86.8 | 86.8 | 87.7 |
| >= 700 | 46.4 | 77.0 | 81.0 | 83.3 | 85.4 | 85.5 | 86.8 | 87.8 | 87.8 | 88.7 |
| >= 600 | 46.5 | 77.6 | 82.0 | 84.6 | 86.8 | 87.0 | 88.7 | 89.5 | 89.5 | 90.5 |
| >= 500 | 46.5 | 77.8 | 82.5 | 85.2 | 87.6 | 87.9 | 89.7 | 90.6 | 90.6 | 91.6 |
| >= 400 | 46.5 | 78.0 | 83.1 | 86.3 | 88.7 | 89.0 | 90.9 | 91.8 | 91.9 | 92.9 |
| >= 300 | 46.5 | 78.2 | 83.6 | 87.0 | 89.8 | 90.1 | 92.4 | 93.7 | 93.8 | 94.8 |
| >= 200 | 46.5 | 78.2 | 83.7 | 87.1 | 90.2 | 90.6 | 93.1 | 94.5 | 94.6 | 96.5 |
| >= 100 | 46.5 | 78.2 | 83.7 | 87.1 | 90.2 | 90.6 | 93.1 | 94.5 | 94.6 | 96.5 |
| >= 0 | 46.5 | 78.2 | 83.7 | 87.1 | 90.2 | 90.6 | 93.1 | 94.5 | 94.6 | 96.5 |

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 29.8 | 45.0 | 47.1 | 49.1 | 50.9 | 51.1 | 51.5 | 52.2 | 52.3 | 52.4 |
| >=20000 | 31.7 | 48.4 | 50.7 | 52.8 | 54.7 | 54.9 | 55.6 | 56.0 | 56.1 | 56.2 |
| >=18000 | 32.0 | 48.7 | 51.0 | 53.1 | 55.1 | 55.2 | 56.0 | 56.3 | 56.4 | 56.5 |
| >=16000 | 32.0 | 49.2 | 51.4 | 53.5 | 55.5 | 55.6 | 56.4 | 56.7 | 56.8 | 56.9 |
| >=14000 | 32.9 | 50.2 | 52.4 | 54.6 | 56.5 | 56.7 | 57.4 | 57.8 | 57.8 | 57.9 |
| >=12000 | 34.1 | 52.3 | 54.6 | 56.9 | 58.9 | 59.1 | 59.9 | 60.2 | 60.3 | 60.4 |
| >=10000 | 35.3 | 53.8 | 56.4 | 58.7 | 60.8 | 61.0 | 61.7 | 62.1 | 62.1 | 62.2 |
| >= 9000 | 35.6 | 54.6 | 57.3 | 59.6 | 61.7 | 61.9 | 62.7 | 63.2 | 63.2 | 63.3 |
| >= 8000 | 36.1 | 55.7 | 58.4 | 60.9 | 63.1 | 63.2 | 64.1 | 64.5 | 64.6 | 64.7 |
| >= 7000 | 36.9 | 58.2 | 61.0 | 63.6 | 65.8 | 65.9 | 66.8 | 67.2 | 67.3 | 67.5 |
| >= 6000 | 37.8 | 59.4 | 62.4 | 64.9 | 67.3 | 67.5 | 68.3 | 68.7 | 68.8 | 69.0 |
| >= 5000 | 38.8 | 61.7 | 64.7 | 67.2 | 69.9 | 70.1 | 70.9 | 71.4 | 71.5 | 71.7 |
| >= 4500 | 39.2 | 62.8 | 65.8 | 68.3 | 71.1 | 71.2 | 72.1 | 72.6 | 72.7 | 72.8 |
| >= 4000 | 39.9 | 64.2 | 67.5 | 70.2 | 73.0 | 73.2 | 74.0 | 74.5 | 74.6 | 74.8 |
| >= 3500 | 40.1 | 65.0 | 68.3 | 71.1 | 73.9 | 74.1 | 75.0 | 75.5 | 75.6 | 75.8 |
| >= 3000 | 40.9 | 66.2 | 69.6 | 72.4 | 75.3 | 75.5 | 76.5 | 77.0 | 77.1 | 77.2 |
| >= 2500 | 41.1 | 67.2 | 70.7 | 73.7 | 76.6 | 76.9 | 77.8 | 78.3 | 78.4 | 78.6 |
| >= 2000 | 41.7 | 68.4 | 72.1 | 75.1 | 78.1 | 78.3 | 79.3 | 79.8 | 79.8 | 80.1 |
| >= 1800 | 41.9 | 68.6 | 72.3 | 75.4 | 78.3 | 78.6 | 79.5 | 80.0 | 80.1 | 80.4 |
| >= 1500 | 42.2 | 69.2 | 72.9 | 76.1 | 79.2 | 79.4 | 80.4 | 80.9 | 80.9 | 81.2 |
| >= 1200 | 42.5 | 70.0 | 73.9 | 77.2 | 80.4 | 80.6 | 81.6 | 82.2 | 82.3 | 82.6 |
| >= 1000 | 42.6 | 70.7 | 74.6 | 78.1 | 81.5 | 81.7 | 82.7 | 83.4 | 83.5 | 83.8 |
| >= 900 | 42.8 | 71.0 | 75.0 | 78.5 | 81.9 | 82.1 | 83.3 | 84.1 | 84.2 | 84.6 |
| >= 800 | 43.1 | 71.7 | 75.8 | 79.4 | 82.9 | 83.1 | 84.7 | 85.2 | 85.2 | 85.6 |
| >= 700 | 43.3 | 72.1 | 76.3 | 80.1 | 83.6 | 83.9 | 85.2 | 86.0 | 86.1 | 86.4 |
| >= 600 | 43.3 | 72.8 | 77.1 | 81.0 | 84.7 | 85.0 | 86.7 | 87.5 | 87.6 | 88.0 |
| >= 500 | 43.3 | 73.2 | 78.0 | 82.0 | 86.2 | 86.5 | 88.4 | 89.3 | 89.4 | 90.1 |
| >= 400 | 43.3 | 73.4 | 78.3 | 82.5 | 86.9 | 87.4 | 89.7 | 90.8 | 90.9 | 92.1 |
| >= 300 | 43.3 | 73.4 | 78.7 | 83.3 | 88.1 | 88.6 | 91.0 | 92.5 | 92.7 | 94.0 |
| >= 200 | 43.3 | 73.4 | 78.8 | 83.4 | 88.2 | 88.8 | 91.5 | 93.1 | 93.3 | 95.1 |
| >= 100 | 43.3 | 73.4 | 78.8 | 83.4 | 88.2 | 88.8 | 91.5 | 93.3 | 93.5 | 95.3 |
| >= 0 | 43.3 | 73.4 | 78.8 | 83.4 | 88.2 | 88.8 | 91.5 | 93.3 | 93.5 | 95.3 |

TOTAL NO. OF OBS : 1186

2 - CLILIN VS VISIBILITY

013980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 36.3 | 49.2 | 50.9 | 51.4 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 |
| >=20000 | 39.8 | 53.7 | 55.6 | 56.2 | 56.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| >=18000 | 40.0 | 54.0 | 55.8 | 56.4 | 56.7 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| >=16000 | 40.3 | 54.5 | 56.4 | 57.0 | 57.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| >=14000 | 40.7 | 55.1 | 57.2 | 57.8 | 58.1 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| >=12000 | 42.3 | 57.6 | 59.7 | 60.3 | 60.7 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 |
| >=10000 | 43.3 | 59.4 | 61.6 | 62.3 | 62.7 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=9000 | 43.8 | 60.2 | 62.4 | 63.2 | 63.7 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 |
| >=8000 | 44.1 | 61.1 | 63.3 | 64.1 | 64.6 | 65.0 | 65.3 | 65.3 | 65.3 | 65.3 |
| >=7000 | 44.9 | 63.1 | 65.3 | 66.2 | 66.8 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 |
| >=6000 | 46.0 | 64.5 | 66.9 | 67.9 | 68.5 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=5000 | 46.3 | 65.6 | 68.1 | 69.5 | 70.2 | 70.8 | 71.2 | 71.2 | 71.2 | 71.2 |
| >=4500 | 46.7 | 66.7 | 69.2 | 70.6 | 71.2 | 71.9 | 72.3 | 72.3 | 72.3 | 72.3 |
| >=4000 | 47.6 | 67.8 | 70.3 | 71.7 | 72.4 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=3500 | 48.1 | 68.5 | 71.0 | 72.3 | 73.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| >=3000 | 48.7 | 69.9 | 72.6 | 74.1 | 75.0 | 76.0 | 76.4 | 76.5 | 76.5 | 76.5 |
| >=2500 | 49.5 | 70.9 | 73.6 | 75.1 | 76.1 | 77.2 | 77.7 | 77.7 | 77.7 | 77.7 |
| >=2000 | 50.8 | 72.7 | 75.4 | 76.9 | 77.8 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 |
| >=1800 | 50.9 | 73.0 | 75.7 | 77.3 | 78.2 | 79.7 | 80.3 | 80.4 | 80.4 | 80.4 |
| >=1500 | 51.8 | 74.2 | 77.1 | 78.8 | 79.7 | 81.1 | 81.7 | 82.0 | 82.0 | 82.0 |
| >=1200 | 52.4 | 75.5 | 78.7 | 80.4 | 81.5 | 83.0 | 83.6 | 83.8 | 83.8 | 83.8 |
| >=1000 | 53.1 | 76.6 | 80.0 | 82.0 | 83.1 | 84.7 | 85.3 | 85.6 | 85.6 | 85.6 |
| >=900 | 53.4 | 77.1 | 80.9 | 83.0 | 84.2 | 85.9 | 86.6 | 86.9 | 86.9 | 86.9 |
| >=800 | 53.5 | 77.9 | 82.0 | 84.1 | 85.5 | 87.3 | 87.9 | 88.3 | 88.3 | 88.3 |
| >=700 | 53.7 | 78.3 | 82.6 | 84.9 | 86.6 | 88.5 | 89.2 | 89.5 | 89.5 | 89.5 |
| >=600 | 53.8 | 78.9 | 83.6 | 86.0 | 87.9 | 89.4 | 90.1 | 91.1 | 91.5 | 91.5 |
| >=500 | 53.8 | 79.7 | 84.7 | 87.4 | 89.7 | 91.2 | 92.0 | 93.3 | 94.0 | 94.4 |
| >=400 | 53.8 | 79.6 | 85.1 | 88.1 | 90.5 | 92.4 | 94.8 | 95.6 | 95.8 | 96.1 |
| >=300 | 53.8 | 79.6 | 85.2 | 88.1 | 91.1 | 92.0 | 94.8 | 96.5 | 97.6 | 97.9 |
| >=200 | 53.8 | 79.6 | 85.2 | 88.1 | 91.1 | 92.0 | 94.8 | 96.5 | 97.6 | 97.9 |
| >=100 | 53.8 | 79.6 | 85.2 | 88.1 | 91.1 | 92.0 | 94.8 | 96.5 | 97.6 | 97.9 |
| >=0 | 53.8 | 79.6 | 85.2 | 88.1 | 91.1 | 92.0 | 94.8 | 96.5 | 97.6 | 97.9 |

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013660 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : FEB
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 |
| UNLIMIT | 43.7 | 51.7 | 52.4 | 52.6 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| >=20000 | 48.4 | 57.7 | 58.5 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| >=18000 | 48.7 | 58.0 | 58.9 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| >=16000 | 49.1 | 58.4 | 59.3 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| >=14000 | 50.1 | 59.6 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| >=12000 | 51.0 | 61.0 | 61.9 | 62.1 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| >=10000 | 52.1 | 62.7 | 63.8 | 64.0 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| >= 9000 | 52.9 | 63.8 | 65.2 | 65.3 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| >= 8000 | 53.5 | 65.2 | 66.6 | 66.8 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| >= 7000 | 54.3 | 66.6 | 68.1 | 68.5 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| >= 6000 | 54.8 | 67.5 | 69.0 | 69.6 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| >= 5000 | 56.0 | 69.0 | 70.6 | 71.3 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| >= 4500 | 56.7 | 70.2 | 71.9 | 72.7 | 73.2 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 |
| >= 4000 | 57.8 | 71.5 | 73.3 | 74.1 | 74.7 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 |
| >= 3500 | 58.8 | 72.9 | 74.9 | 75.7 | 76.4 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 |
| >= 3000 | 61.0 | 75.9 | 77.8 | 78.8 | 79.5 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 |
| >= 2500 | 62.3 | 78.0 | 79.9 | 80.9 | 81.8 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 |
| >= 2000 | 63.4 | 79.8 | 82.1 | 83.2 | 84.1 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 |
| >= 1800 | 63.6 | 80.4 | 82.6 | 83.7 | 84.6 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 |
| >= 1500 | 64.2 | 82.1 | 84.6 | 85.8 | 86.8 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 |
| >= 1200 | 64.6 | 83.3 | 85.9 | 87.3 | 88.5 | 89.0 | 89.4 | 89.5 | 89.5 | 89.5 |
| >= 1000 | 65.0 | 84.8 | 87.6 | 89.3 | 90.6 | 91.1 | 91.6 | 91.7 | 91.7 | 91.7 |
| >= 900 | 65.3 | 85.3 | 88.3 | 90.1 | 91.6 | 92.1 | 92.5 | 92.7 | 92.7 | 92.7 |
| >= 800 | 65.5 | 85.8 | 89.0 | 90.7 | 92.4 | 93.2 | 93.8 | 93.9 | 94.0 | 94.0 |
| >= 700 | 65.5 | 86.3 | 89.4 | 91.2 | 93.1 | 94.3 | 94.9 | 95.2 | 95.3 | 95.3 |
| >= 600 | 65.6 | 86.6 | 89.8 | 91.7 | 93.6 | 94.9 | 95.7 | 96.1 | 96.2 | 96.2 |
| >= 500 | 65.6 | 86.8 | 90.0 | 92.1 | 94.3 | 96.0 | 96.8 | 97.3 | 97.5 | 97.5 |
| >= 400 | 65.6 | 86.9 | 90.1 | 92.3 | 94.7 | 97.0 | 97.9 | 98.5 | 98.7 | 98.7 |
| >= 300 | 65.6 | 87.0 | 90.2 | 92.5 | 94.9 | 97.2 | 98.4 | 99.2 | 99.4 | 99.4 |
| >= 200 | 65.6 | 87.0 | 90.2 | 92.5 | 94.9 | 97.0 | 98.4 | 99.3 | 99.7 | 99.7 |
| >= 100 | 65.6 | 87.0 | 90.2 | 92.5 | 94.9 | 97.2 | 98.6 | 99.3 | 99.7 | 99.7 |
| >= 0 | 65.6 | 87.0 | 90.2 | 92.5 | 94.9 | 97.2 | 98.4 | 99.3 | 99.7 | 99.7 |

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 42.9 | 53.6 | 55.1 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 |
| >=20000 | 47.7 | 60.1 | 61.6 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 |
| >=18000 | 48.3 | 60.8 | 62.3 | 62.5 | 62.5 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 |
| >=16000 | 48.6 | 61.2 | 62.7 | 63.0 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 |
| >=14000 | 49.4 | 62.3 | 63.8 | 64.1 | 64.1 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 |
| >=12000 | 50.5 | 64.1 | 65.7 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 |
| >=10000 | 52.0 | 66.6 | 68.4 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 |
| >=9000 | 52.4 | 67.5 | 69.3 | 69.6 | 69.7 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 |
| >=8000 | 53.0 | 68.7 | 70.5 | 70.9 | 71.0 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 |
| >=7000 | 53.8 | 69.7 | 71.6 | 72.1 | 72.2 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 |
| >=6000 | 54.5 | 70.9 | 73.0 | 73.4 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 |
| >=5000 | 56.1 | 72.9 | 75.1 | 75.7 | 75.9 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 |
| >=4500 | 57.0 | 74.2 | 76.4 | 77.0 | 77.2 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 |
| >=4000 | 57.8 | 75.7 | 77.9 | 78.5 | 78.8 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 |
| >=3500 | 58.6 | 77.0 | 79.3 | 80.0 | 80.3 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 |
| >=3000 | 59.7 | 78.9 | 81.3 | 82.1 | 82.5 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 |
| >=2500 | 60.3 | 80.1 | 82.5 | 83.5 | 84.1 | 84.3 | 84.6 | 84.7 | 84.7 | 84.7 |
| >=2000 | 60.9 | 81.8 | 84.3 | 85.3 | 85.9 | 86.2 | 86.7 | 86.8 | 86.8 | 86.8 |
| >=1800 | 61.3 | 82.4 | 85.1 | 86.2 | 86.8 | 87.1 | 87.7 | 87.8 | 87.8 | 87.8 |
| >=1500 | 61.9 | 83.8 | 86.5 | 87.7 | 88.4 | 88.7 | 89.3 | 89.5 | 89.5 | 89.5 |
| >=1200 | 62.5 | 85.0 | 87.8 | 89.0 | 90.0 | 90.5 | 91.1 | 91.3 | 91.4 | 91.4 |
| >=1000 | 62.8 | 85.6 | 88.4 | 90.0 | 90.9 | 91.4 | 92.1 | 92.2 | 92.3 | 92.3 |
| >=900 | 63.0 | 85.9 | 88.9 | 90.5 | 91.4 | 92.1 | 92.9 | 92.9 | 93.0 | 93.0 |
| >=800 | 63.0 | 86.1 | 89.2 | 90.9 | 91.9 | 92.6 | 93.3 | 93.6 | 93.7 | 93.7 |
| >=700 | 63.0 | 86.6 | 89.8 | 91.8 | 93.1 | 93.8 | 94.7 | 95.0 | 95.1 | 95.1 |
| >=600 | 63.0 | 86.7 | 90.0 | 92.2 | 93.6 | 94.4 | 95.7 | 96.1 | 96.5 | 96.5 |
| >=500 | 63.1 | 86.9 | 90.2 | 92.7 | 94.3 | 95.2 | 96.5 | 97.1 | 97.5 | 97.6 |
| >=400 | 63.1 | 86.9 | 90.4 | 92.9 | 94.6 | 95.5 | 97.0 | 98.1 | 98.9 | 99.0 |
| >=300 | 63.1 | 86.9 | 90.5 | 93.0 | 94.8 | 95.8 | 97.3 | 98.4 | 99.3 | 99.7 |
| >=200 | 63.1 | 87.0 | 90.5 | 93.1 | 94.9 | 95.9 | 97.5 | 98.6 | 99.7 | 100.0 |
| >=100 | 63.1 | 87.0 | 90.5 | 93.1 | 94.9 | 95.9 | 97.5 | 98.6 | 99.7 | 100.0 |
| >=0 | 63.1 | 87.0 | 90.5 | 93.1 | 94.9 | 95.9 | 97.5 | 98.6 | 99.7 | 100.0 |

TOTAL NO. OF OBS : 1115

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 41.9 | 54.3 | 55.4 | 56.6 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| >=20000 | 45.1 | 58.9 | 60.2 | 61.4 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| >=18000 | 45.6 | 59.5 | 60.8 | 62.0 | 62.9 | 63.0 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=16000 | 45.8 | 59.7 | 61.0 | 62.3 | 63.1 | 63.2 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| >=14000 | 47.2 | 61.3 | 62.5 | 63.8 | 64.6 | 64.7 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| >=12000 | 48.7 | 64.1 | 65.3 | 66.7 | 67.6 | 67.7 | 67.9 | 67.9 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| >=10000 | 49.7 | 65.6 | 66.9 | 68.3 | 69.2 | 69.3 | 69.5 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| >=9000 | 50.2 | 66.3 | 67.8 | 69.1 | 70.0 | 70.1 | 70.4 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| >=8000 | 51.3 | 68.4 | 69.9 | 71.2 | 72.2 | 72.2 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| >=7000 | 52.5 | 70.0 | 71.5 | 72.8 | 73.8 | 73.9 | 74.3 | 74.3 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| >=6000 | 53.1 | 71.0 | 72.5 | 73.8 | 74.9 | 75.0 | 75.4 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| >=5000 | 54.0 | 72.7 | 74.3 | 75.7 | 76.8 | 76.9 | 77.2 | 77.4 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| >=4500 | 54.9 | 74.1 | 75.8 | 77.3 | 78.4 | 78.5 | 78.8 | 79.0 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| >=4000 | 55.7 | 75.9 | 77.8 | 79.3 | 80.6 | 80.7 | 81.0 | 81.2 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| >=3500 | 55.9 | 76.6 | 78.6 | 80.3 | 81.8 | 81.9 | 82.2 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| >=3000 | 56.7 | 77.9 | 79.9 | 81.8 | 83.2 | 83.4 | 83.8 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| >=2500 | 57.4 | 78.8 | 80.8 | 82.9 | 84.3 | 84.6 | 85.0 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| >=2000 | 57.6 | 79.7 | 81.9 | 84.1 | 85.5 | 85.8 | 86.2 | 86.4 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| >=1800 | 57.7 | 80.0 | 82.4 | 84.5 | 85.9 | 86.2 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| >=1500 | 57.9 | 80.6 | 83.0 | 85.2 | 86.7 | 87.0 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| >=1200 | 58.1 | 81.3 | 83.7 | 86.1 | 87.6 | 87.9 | 88.6 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| >=1000 | 58.4 | 81.9 | 84.6 | 87.3 | 88.9 | 89.3 | 90.0 | 90.2 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| >=900 | 58.5 | 82.2 | 84.8 | 87.5 | 89.2 | 89.5 | 90.3 | 90.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| >=800 | 58.5 | 82.3 | 85.0 | 87.8 | 89.5 | 89.8 | 90.5 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| >=700 | 58.5 | 82.5 | 85.3 | 88.1 | 89.8 | 90.1 | 91.0 | 91.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=600 | 58.6 | 83.0 | 85.7 | 88.9 | 90.7 | 91.1 | 92.2 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| >=500 | 58.6 | 83.4 | 86.3 | 90.1 | 92.4 | 93.2 | 94.1 | 94.8 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| >=400 | 58.6 | 83.7 | 86.8 | 90.6 | 93.1 | 93.8 | 95.1 | 96.2 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=300 | 58.6 | 83.7 | 86.8 | 90.7 | 93.4 | 94.3 | 95.9 | 97.0 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| >=200 | 58.6 | 83.7 | 86.8 | 90.7 | 93.4 | 94.3 | 96.3 | 97.5 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| >=100 | 58.6 | 83.7 | 86.8 | 90.7 | 93.4 | 94.3 | 96.4 | 97.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=0 | 58.6 | 83.7 | 86.8 | 90.7 | 93.4 | 94.3 | 96.4 | 97.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1185

2 - CEILING VS VISIBILITY

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 2200 LST

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 41.2 | 57.3 | 56.7 | 60.3 | 61.5 | 61.7 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 |
| >=20000 | 42.7 | 60.1 | 61.5 | 63.0 | 64.3 | 64.5 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 |
| >=18000 | 43.0 | 60.3 | 61.8 | 63.3 | 64.6 | 64.7 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 |
| >=16000 | 43.1 | 60.5 | 61.9 | 63.5 | 64.8 | 65.0 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 |
| >=14000 | 44.1 | 61.7 | 63.2 | 64.9 | 66.2 | 66.3 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 |
| >=12000 | 45.4 | 64.0 | 65.5 | 67.2 | 68.4 | 68.6 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 |
| >=10000 | 46.1 | 65.3 | 66.9 | 68.7 | 70.0 | 70.1 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 |
| >=9000 | 46.7 | 66.4 | 68.1 | 69.9 | 71.1 | 71.3 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 |
| >=8000 | 47.6 | 68.0 | 70.0 | 71.8 | 73.1 | 73.2 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 |
| >=7000 | 48.4 | 69.1 | 71.1 | 73.0 | 74.3 | 74.4 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 |
| >=6000 | 48.9 | 70.1 | 72.2 | 74.2 | 75.5 | 75.7 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 |
| >=5000 | 49.9 | 72.0 | 74.2 | 76.2 | 77.6 | 77.7 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 |
| >=4500 | 50.5 | 73.3 | 75.5 | 77.6 | 79.0 | 79.2 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.2 | 80.3 | 80.3 |
| >=4000 | 51.1 | 74.3 | 76.5 | 78.6 | 80.0 | 80.2 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.1 | 81.2 | 81.3 | 81.3 |
| >=3500 | 51.5 | 75.1 | 77.5 | 79.7 | 81.2 | 81.4 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.5 | 82.5 |
| >=3000 | 51.9 | 75.9 | 78.4 | 80.7 | 82.2 | 82.4 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 | 83.6 | 83.6 |
| >=2500 | 52.5 | 77.2 | 79.8 | 82.4 | 84.0 | 84.2 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.4 | 85.4 | 85.5 | 85.5 |
| >=2000 | 53.0 | 78.5 | 81.2 | 83.7 | 85.4 | 85.7 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.8 | 86.8 | 86.9 | 86.9 |
| >=1800 | 53.2 | 78.8 | 81.5 | 84.1 | 86.0 | 86.2 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.5 | 87.5 | 87.6 | 87.6 |
| >=1500 | 53.2 | 79.3 | 82.2 | 84.8 | 86.8 | 87.0 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.3 | 88.3 | 88.4 | 88.4 |
| >=1200 | 53.4 | 80.4 | 83.4 | 86.1 | 88.0 | 88.3 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.5 | 89.5 | 89.6 | 89.6 |
| >=1000 | 53.8 | 81.0 | 84.1 | 86.8 | 88.9 | 89.1 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.5 | 90.5 | 90.5 | 90.5 |
| >=900 | 53.8 | 81.3 | 84.5 | 87.4 | 89.5 | 89.8 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.1 | 91.1 | 91.2 | 91.2 |
| >=800 | 53.8 | 81.9 | 85.1 | 88.1 | 90.2 | 90.5 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.9 | 91.9 | 92.0 | 92.0 |
| >=700 | 53.8 | 82.1 | 85.6 | 88.6 | 90.8 | 91.1 | 91.6 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.5 | 92.5 | 92.6 | 92.6 |
| >=600 | 53.8 | 82.3 | 86.0 | 89.3 | 91.6 | 91.9 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.3 | 93.3 | 93.4 | 93.4 |
| >=500 | 53.8 | 82.5 | 86.5 | 90.1 | 92.5 | 92.8 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.7 | 94.7 | 94.8 | 94.8 |
| >=400 | 53.8 | 82.5 | 86.8 | 90.8 | 93.2 | 93.6 | 94.9 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.3 | 96.3 | 96.5 | 96.5 |
| >=300 | 53.9 | 82.7 | 86.9 | 91.1 | 93.7 | 94.1 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 97.4 | 97.4 | 97.6 | 97.6 |
| >=200 | 53.9 | 82.7 | 86.9 | 91.1 | 93.8 | 94.3 | 95.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 98.1 | 98.1 | 98.3 | 98.3 |
| >=100 | 53.9 | 82.7 | 86.9 | 91.1 | 93.8 | 94.3 | 95.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 98.6 | 98.6 | 99.1 | 99.1 |
| >=0 | 53.9 | 82.7 | 86.9 | 91.1 | 93.8 | 94.3 | 95.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 98.6 | 98.6 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1185

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 38.3 | 52.1 | 53.6 | 54.6 | 55.5 | 55.6 | 55.9 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.6 | 56.7 |
| >=20000 | 41.2 | 56.1 | 57.9 | 58.9 | 59.9 | 60.0 | 60.3 | 60.5 | 60.5 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 61.0 | 61.1 |
| >=18000 | 41.5 | 56.5 | 58.3 | 59.3 | 60.3 | 60.3 | 60.7 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.5 |
| >=16000 | 41.7 | 56.8 | 58.6 | 59.7 | 60.6 | 60.7 | 61.1 | 61.2 | 61.2 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.7 | 61.8 |
| >=14000 | 42.5 | 57.9 | 59.7 | 60.8 | 61.8 | 62.2 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.9 | 63.0 |
| >=12000 | 43.8 | 60.0 | 61.8 | 63.0 | 63.9 | 64.0 | 64.4 | 64.6 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 65.1 | 65.2 |
| >=10000 | 44.7 | 61.6 | 63.6 | 64.8 | 65.8 | 65.9 | 66.3 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 67.0 | 67.1 |
| >= 9000 | 45.3 | 62.6 | 64.6 | 65.8 | 66.9 | 66.9 | 67.4 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 68.1 | 68.2 |
| >= 8000 | 45.9 | 63.9 | 66.0 | 67.2 | 68.3 | 68.4 | 68.8 | 69.0 | 69.0 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 | 69.6 |
| >= 7000 | 46.8 | 65.5 | 67.7 | 69.0 | 70.1 | 70.2 | 70.6 | 70.9 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.4 | 71.5 |
| >= 6000 | 47.5 | 66.7 | 68.9 | 70.3 | 71.5 | 71.6 | 72.1 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 | 73.0 |
| >= 5000 | 48.5 | 68.6 | 71.0 | 72.5 | 73.7 | 73.8 | 74.3 | 74.6 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.1 | 75.3 |
| >= 4500 | 49.1 | 69.8 | 72.3 | 73.8 | 75.0 | 75.2 | 75.7 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.5 | 76.6 |
| >= 4000 | 49.8 | 71.1 | 73.6 | 75.2 | 76.5 | 76.6 | 77.2 | 77.4 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 78.0 | 78.1 |
| >= 3500 | 50.3 | 72.0 | 74.6 | 76.3 | 77.7 | 77.8 | 78.4 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.4 |
| >= 3000 | 51.2 | 73.5 | 76.2 | 78.0 | 79.4 | 79.5 | 80.1 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.2 |
| >= 2500 | 51.8 | 74.7 | 77.5 | 79.4 | 80.9 | 81.1 | 81.7 | 82.0 | 82.0 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.6 | 82.8 | 83.0 |
| >= 2000 | 52.5 | 76.1 | 79.0 | 80.9 | 82.5 | 82.7 | 83.4 | 83.7 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 | 84.2 | 84.3 | 84.5 | 84.7 |
| >= 1800 | 52.7 | 76.6 | 79.5 | 81.4 | 83.0 | 83.2 | 83.9 | 84.3 | 84.3 | 84.6 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 85.0 | 85.1 | 85.3 |
| >= 1500 | 53.1 | 77.5 | 80.6 | 82.6 | 84.2 | 84.4 | 85.2 | 85.5 | 85.5 | 85.9 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.3 | 86.4 | 86.6 |
| >= 1200 | 53.5 | 78.5 | 81.7 | 83.8 | 85.5 | 85.7 | 86.6 | 87.0 | 87.0 | 87.3 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.7 | 87.8 | 88.0 |
| >= 1000 | 53.8 | 79.3 | 82.6 | 84.9 | 86.7 | 87.0 | 87.8 | 88.3 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 89.0 | 89.2 | 89.4 |
| >= 900 | 54.0 | 79.7 | 83.2 | 85.5 | 87.4 | 87.7 | 88.5 | 89.0 | 89.0 | 89.4 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.8 | 89.9 | 90.1 |
| >= 800 | 54.1 | 80.2 | 83.8 | 86.2 | 88.1 | 88.4 | 89.3 | 89.8 | 89.9 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.6 | 90.8 | 91.0 |
| >= 700 | 54.2 | 80.6 | 84.3 | 86.8 | 88.9 | 89.2 | 90.2 | 90.8 | 90.8 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.6 | 91.7 | 91.9 |
| >= 600 | 54.3 | 81.0 | 84.8 | 87.6 | 89.8 | 90.2 | 91.4 | 92.1 | 92.1 | 92.5 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.9 | 93.1 | 93.3 |
| >= 500 | 54.3 | 81.3 | 85.4 | 88.4 | 90.9 | 91.4 | 92.8 | 93.6 | 93.6 | 94.1 | 94.3 | 94.3 | 94.3 | 94.5 | 94.5 | 94.6 | 94.8 | 95.0 |
| >= 400 | 54.3 | 81.5 | 85.7 | 89.0 | 91.6 | 92.2 | 93.9 | 94.9 | 94.9 | 95.6 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.2 | 96.3 | 96.5 |
| >= 300 | 54.3 | 81.6 | 86.0 | 89.4 | 92.3 | 92.9 | 94.8 | 96.0 | 96.1 | 96.9 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.6 | 97.8 | 98.0 |
| >= 200 | 54.3 | 81.6 | 86.0 | 89.4 | 92.4 | 93.0 | 95.1 | 96.4 | 96.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 | 98.8 | 99.0 | 99.2 |
| >= 100 | 54.3 | 81.6 | 86.0 | 89.4 | 92.4 | 93.0 | 95.2 | 96.5 | 96.6 | 97.9 | 98.3 | 98.3 | 98.3 | 98.8 | 98.8 | 99.4 | 99.7 | 100.0 |
| >= 0 | 54.3 | 81.6 | 86.0 | 89.4 | 92.4 | 93.0 | 95.2 | 96.5 | 96.6 | 97.9 | 98.3 | 98.3 | 98.3 | 98.8 | 98.8 | 99.5 | 99.8 | 100.0 |

TOTAL NO. OF OBS. : 9485

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN | |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|------------|--|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | WIND SPEED | |
| N | 1.4 | 2.5 | 1.7 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 6.3 | |
| NNE | .8 | 1.7 | 1.7 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 7.5 | |
| NE | .8 | 2.2 | 1.5 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 6.7 | |
| ENE | .2 | 1.1 | 1.8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 7.6 | |
| E | .8 | 1.7 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 6.1 | |
| ESE | .7 | 1.2 | .4 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.3 | |
| SE | .9 | .9 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.9 | |
| SSE | .7 | 1.0 | .8 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 7.1 | |
| S | 1.9 | 3.3 | 2.2 | 1.5 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | 9.9 | 8.0 | |
| SSW | .9 | 3.1 | 4.1 | 2.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10.8 | 8.3 | |
| SW | .6 | 2.0 | 3.7 | 1.4 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 7.8 | 8.1 | |
| WSW | .5 | 1.8 | 2.5 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.5 | |
| W | .7 | 1.9 | 3.5 | 1.8 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 8.4 | 8.7 | |
| WNW | .5 | .9 | 2.2 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 5.3 | 9.1 | |
| NW | .7 | .8 | 1.2 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 4.2 | 8.7 | |
| NNW | .4 | 2.2 | 1.3 | .4 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.3 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | .0 | |
| ALL | 12.6 | 28.6 | 30.7 | 14.7 | 2.5 | .6 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.9 | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|-----|--|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | 1.2 | 2.0 | 2.7 | 1.2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.3 | | | |
| NNE | .9 | 2.8 | 2.2 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.2 | | | |
| NE | 1.2 | 2.3 | 2.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 6.7 | | | |
| ENE | .4 | 1.3 | 1.5 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 7.8 | | | |
| E | .5 | 1.5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 5.8 | | | |
| ESE | .1 | .8 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 6.8 | | | |
| SE | .8 | .5 | .7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.9 | | | |
| SSE | .4 | .9 | .9 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 7.0 | | | |
| S | 1.0 | 2.2 | 1.5 | .9 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 8.1 | | | |
| SSW | .4 | 2.0 | 4.4 | 2.2 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.5 | 9.4 | | | |
| SW | .5 | 2.5 | 3.2 | 1.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 7.9 | | | |
| WSW | .4 | 1.8 | 2.9 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 8.3 | | | |
| W | .6 | 2.6 | 3.5 | 1.9 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 8.0 | | | |
| WNW | .5 | 1.7 | 2.5 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.4 | | | |
| NW | .6 | 1.5 | 2.1 | .5 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.5 | | | |
| NNW | 1.3 | 2.5 | 1.2 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 6.6 | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.1 | .0 | | | |
| ALL | 10.8 | 29.1 | 32.5 | 14.6 | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.9 | | | |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | TOTAL | |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| | | | | | | | | | | | % | MEAN WIND SPEED |
| N | 1.4 | 3.8 | 2.2 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | 8.9 | 6.9 |
| NNE | .9 | 3.2 | 3.8 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | 8.8 | 7.3 |
| NE | .9 | 2.1 | 3.9 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | 8.0 | 7.3 |
| ENE | .1 | 1.6 | 1.4 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.7 |
| E | .8 | 1.0 | .4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.9 |
| ESE | .4 | 1.1 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.4 |
| SE | .3 | .8 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 6.6 |
| SSE | .5 | .7 | .7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.8 |
| S | .8 | 2.2 | 1.6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | 5.5 | 7.2 |
| SSW | .8 | 2.6 | 2.9 | 2.0 | .7 | .2 | .0 | .0 | .0 | .0 | 9.2 | 9.0 |
| SW | .6 | 2.2 | 2.7 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.4 |
| WSW | .3 | 2.0 | 3.5 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | 7.6 | 8.5 |
| W | .4 | 2.5 | 3.7 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | 8.3 | 8.3 |
| WNW | .5 | 2.5 | 2.3 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | 6.4 | 7.8 |
| NW | .6 | 1.8 | 1.1 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.1 |
| NNW | .7 | 2.0 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 6.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | .0 |
| ALL | 9.9 | 31.8 | 33.0 | 14.6 | 1.9 | .3 | .0 | .0 | .0 | .0 | 100.0 | 7.0 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY (F WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS))

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | |
| N | .4 | 1.4 | 3.2 | 1.9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 9.2 | |
| NNE | .3 | 1.1 | 3.1 | 2.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 9.5 | |
| NE | .8 | 1.2 | 3.1 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 9.1 | |
| ENE | .2 | 1.6 | 3.2 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 9.0 | |
| E | .2 | 1.1 | 2.8 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 8.6 | |
| ESE | .2 | .8 | 1.7 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 8.2 | |
| SE | .2 | .5 | 1.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 8.8 | |
| SSE | .0 | .7 | .6 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 10.4 | |
| S | .8 | .5 | 1.5 | 1.8 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 10.3 | |
| SSW | .0 | .6 | 2.2 | 2.5 | .8 | .4 | .0 | .1 | .0 | .0 | .0 | 6.6 | 12.5 | |
| SW | .3 | 1.5 | 2.5 | 3.5 | .6 | .4 | .1 | .0 | .0 | .0 | .0 | 8.8 | 11.3 | |
| WSW | .4 | .9 | 3.1 | 3.1 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | 8.2 | 10.6 | |
| W | .1 | 1.5 | 2.4 | 3.3 | 1.4 | .6 | .1 | .0 | .0 | .0 | .0 | 9.4 | 12.2 | |
| WNW | .3 | .8 | 2.1 | 2.8 | 1.1 | .1 | .0 | .1 | .0 | .0 | .0 | 7.2 | 11.8 | |
| NW | .1 | 1.4 | 1.8 | 2.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 10.4 | |
| NNW | .2 | .6 | 1.2 | 2.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 4.5 | 10.9 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | .0 | |
| LLL | 4.5 | 16.3 | 35.6 | 33.6 | 6.8 | 1.8 | .2 | .2 | .0 | .0 | .0 | 100.0 | 10.2 | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN |
|--------|-----|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|
| DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | % | WIND SPEED |
| N | .1 | .6 | .2 | 2.4 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 10.1 |
| NNE | .3 | .7 | .0 | 2.6 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.4 |
| NE | .2 | .8 | .0 | 1.9 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 8.8 |
| ENE | .1 | 1.0 | .0 | 1.2 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 9.0 |
| E | .2 | .7 | .0 | 2.5 | 1.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.7 |
| ESE | .1 | .6 | .0 | 2.5 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 10.0 |
| SE | .2 | .5 | .0 | 2.2 | 1.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 10.0 |
| SSE | .2 | .8 | .0 | 2.8 | 1.4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.7 |
| S | .0 | .8 | .0 | 2.1 | 3.6 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 12.9 |
| SSW | .1 | .8 | .0 | 1.7 | 4.4 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 12.6 |
| SW | .3 | .8 | .0 | 1.7 | 3.4 | .8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 11.8 |
| WSW | .0 | .8 | .0 | 1.8 | 4.1 | 1.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 13.3 |
| W | .1 | .7 | .0 | 3.2 | 4.2 | 1.4 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 13.2 |
| WNW | .0 | 1.0 | .0 | 1.9 | 2.6 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 12.6 |
| NW | .2 | .6 | .0 | 1.8 | 2.5 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 10.9 |
| NNW | .2 | .7 | .0 | 1.9 | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 10.6 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | .0 |
| ALL | 2.2 | 12.1 | 34.4 | 38.8 | 9.1 | 2.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 11.3 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | TOTAL | | | | MEAN |
|--------|-----|---|-----|---|------|-------|-------|---------------|-------|-------|-------|-------|-----|-------|-------|------|
| DIR. | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | % | SPEED | |
| N | .4 | | 1.0 | | 2.3 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 8.7 | |
| NNE | .1 | | .2 | | .8 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 10.7 | |
| NE | .0 | | .2 | | 1.2 | .7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 2.3 | 10.3 | |
| NNE | .0 | | .3 | | .7 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 10.6 | |
| E | .0 | | .6 | | 2.5 | 2.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 10.6 | |
| ESE | .1 | | .7 | | 2.5 | 3.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 10.6 | |
| SE | .1 | | .4 | | 2.7 | 3.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 10.9 | |
| SSE | .3 | | .7 | | 2.8 | 4.1 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | 8.0 | 10.7 | |
| S | .0 | | 1.3 | | 3.1 | 9.1 | 2.0 | .1 | .0 | .0 | .0 | .0 | .0 | 14.6 | 12.4 | |
| SSW | .0 | | .5 | | 2.6 | 4.1 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | 9.1 | 13.0 | |
| SW | .0 | | .2 | | .7 | 2.4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 12.5 | |
| WSW | .0 | | .5 | | 1.7 | 2.4 | .9 | .5 | .2 | .0 | .0 | .0 | .0 | 6.2 | 14.1 | |
| W | .2 | | .5 | | 1.5 | 4.2 | 2.0 | .6 | .0 | .0 | .0 | .0 | .0 | 9.1 | 14.0 | |
| WNW | .0 | | .3 | | 1.5 | 3.2 | 1.7 | .5 | .1 | .1 | .0 | .0 | .0 | 7.5 | 14.4 | |
| NW | .2 | | .8 | | 1.7 | 2.2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 5.3 | 11.3 | |
| NNW | .2 | | .7 | | 2.2 | 2.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 10.5 | |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .0 | |
| ALL | 1.4 | | 8.9 | | 30.6 | 45.9 | 10.3 | 2.2 | .4 | .1 | .0 | .0 | .0 | 100.0 | 11.9 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | |
| N | .2 | 1.5 | 1.1 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 |
| NNE | .1 | 1.4 | 1.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 |
| NE | .5 | .8 | 1.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 |
| ENE | .0 | .8 | 1.5 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 |
| E | .2 | 1.7 | 2.9 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 |
| ESE | .2 | 2.3 | 3.6 | .7 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 6.9 |
| SE | .3 | 3.4 | 2.6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 |
| SSE | .5 | 4.5 | 3.8 | .9 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 9.8 |
| S | .4 | 4.5 | 8.0 | 2.8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 16.1 |
| SSW | .4 | 2.2 | 7.3 | 2.6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 12.8 |
| SW | .2 | 1.0 | 1.8 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 |
| WSW | .2 | 1.3 | 1.5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 |
| W | .2 | 1.5 | 3.5 | 2.2 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | 7.9 |
| WNW | .0 | 1.0 | 1.8 | 1.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | 4.8 |
| NW | .1 | .8 | 1.2 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 |
| NNW | .2 | 1.0 | 1.3 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 3.5 | 29.7 | 44.1 | 17.6 | 2.5 | .5 | .1 | .0 | .0 | .0 | .0 | 100.0 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : MAR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | SPEED (KNOTS) | | | | TOTAL % | | | | MEAN WIND SPEED |
|--------------------|------|-------|-------|--------|---------|---------|---------------|---------|---------|---------|---------|-------|-------|------|-----------------|
| | | | | | | | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | >= 56 | | | |
| N | .4 | 1.2 | 1.1 | .3 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 7.3 | |
| NNE | .3 | 1.8 | 1.8 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 6.9 | |
| NE | .3 | 2.6 | 1.4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.4 | |
| ENE | .4 | 1.9 | 1.8 | .7 | .0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 5.0 | 7.9 | |
| E | .8 | 2.8 | 1.5 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 5.9 | |
| ESE | 1.4 | 2.1 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 5.4 | |
| SE | .8 | 1.9 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.2 | |
| SSE | .8 | 2.7 | 1.5 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 6.7 | |
| S | 2.7 | 5.5 | 3.6 | 1.7 | .0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 14.1 | 6.8 | |
| SSW | .9 | 4.8 | 3.1 | 1.9 | .0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 13.4 | 7.8 | |
| SW | .3 | 2.5 | 3.1 | .7 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 7.6 | |
| WSW | .2 | 2.4 | 2.2 | .6 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.9 | |
| W | .3 | 1.3 | 2.1 | 1.2 | .0 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.8 | |
| WNW | .4 | .5 | 1.5 | 1.5 | .0 | .5 | .1 | .2 | .0 | .0 | .0 | .0 | 4.7 | 11.5 | |
| NW | .1 | .6 | .7 | 1.0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 9.9 | |
| NNW | .2 | 1.0 | 1.3 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 8.1 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| ALL | 10.3 | 35.8 | 30.4 | 12.1 | 7.5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.9 | |
| TOTAL NO. OF OBS : | | | | | | | | | | | | | | | 1302 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | |
| N | .7 | 1.7 | 2.1 | 1.2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 7.9 | | |
| NNE | .5 | 1.6 | 2.1 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 7.9 | | |
| NE | .6 | 1.5 | 2.1 | 1.0 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.7 | | |
| ENE | .2 | 1.2 | 1.6 | 1.0 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 8.5 | | |
| E | .5 | 1.4 | 1.8 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 7.9 | | |
| ESE | .4 | 1.2 | 1.6 | 1.0 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 8.0 | | |
| SE | .5 | 1.1 | 1.4 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 8.0 | | |
| SSE | .4 | 1.5 | 1.7 | 1.2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 8.3 | | |
| S | .9 | 2.5 | 3.0 | 2.7 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 9.3 | | |
| SSW | .4 | 2.1 | 3.8 | 2.8 | .7 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 10.0 | 9.9 | | |
| SW | .4 | 1.6 | 2.4 | 1.9 | .3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.6 | 9.4 | | |
| WSW | .2 | 1.5 | 2.4 | 1.8 | .4 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 6.5 | 10.1 | | |
| W | .3 | 1.6 | 2.9 | 2.5 | .8 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | 8.5 | 10.7 | | |
| WNW | .3 | 1.1 | 2.0 | 1.9 | .7 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 6.2 | 10.9 | | |
| NW | .3 | 1.0 | 1.4 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 9.6 | | |
| NNW | .4 | 1.3 | 1.5 | 1.2 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 8.6 | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | .0 | | |
| ALL | 6.9 | 24.0 | 32.9 | 24.1 | 4.7 | 1.2 | .1 | .0* | .0 | .0 | .0 | .0 | 100.0 | 8.7 | | |

TOTAL NO. OF OBS : 10413

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 40.5 | 54.8 | 56.8 | 58.2 | 59.4 | 59.6 | 60.1 | 60.1 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.6 | 60.6 | 60.6 | 60.9 |
| >=20000 | 42.9 | 58.4 | 60.5 | 62.2 | 63.4 | 63.6 | 64.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.6 | 64.6 | 64.6 | 64.9 |
| >=18000 | 43.0 | 58.5 | 60.6 | 62.3 | 63.4 | 63.7 | 64.1 | 64.2 | 64.2 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 65.0 |
| >=16000 | 43.2 | 58.7 | 60.8 | 62.4 | 63.6 | 63.8 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 | 64.8 | 64.8 | 65.1 |
| >=14000 | 43.9 | 59.9 | 62.1 | 63.8 | 65.0 | 65.2 | 65.7 | 65.7 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.2 | 66.2 | 66.2 | 66.5 |
| >=12000 | 45.2 | 61.4 | 63.7 | 65.5 | 66.7 | 66.9 | 67.4 | 67.5 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.3 |
| >=10000 | 46.5 | 63.6 | 65.8 | 67.7 | 68.9 | 69.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.2 | 70.2 | 70.2 | 70.5 |
| >=9000 | 47.0 | 64.6 | 66.8 | 68.9 | 70.1 | 70.4 | 71.0 | 71.1 | 71.1 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.6 | 71.6 | 71.6 | 71.9 |
| >=8000 | 47.7 | 66.0 | 68.3 | 70.4 | 71.6 | 71.9 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 73.0 | 73.0 | 73.0 | 73.5 |
| >=7000 | 48.5 | 67.6 | 70.1 | 72.3 | 73.6 | 73.9 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.6 |
| >=6000 | 49.3 | 68.7 | 71.2 | 73.5 | 74.8 | 75.1 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.3 | 76.3 | 76.3 | 76.8 |
| >=5000 | 50.3 | 70.6 | 73.2 | 75.6 | 77.0 | 77.3 | 78.0 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6 | 78.6 | 78.6 | 79.0 |
| >=4500 | 50.8 | 71.3 | 74.0 | 76.4 | 77.8 | 78.1 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.4 | 79.4 | 79.4 | 79.9 |
| >=4000 | 51.5 | 72.9 | 75.6 | 78.0 | 79.4 | 79.7 | 80.5 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 81.0 | 81.0 | 81.0 | 81.5 |
| >=3500 | 52.2 | 73.7 | 76.5 | 79.0 | 80.4 | 80.7 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.0 | 82.0 | 82.0 | 82.5 |
| >=3000 | 52.3 | 74.7 | 77.6 | 80.1 | 81.6 | 81.9 | 82.6 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.3 | 83.3 | 83.3 | 83.7 |
| >=2500 | 52.6 | 75.6 | 78.5 | 81.1 | 82.7 | 83.0 | 83.8 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.9 |
| >=2000 | 52.9 | 76.3 | 79.5 | 82.1 | 83.8 | 84.1 | 84.9 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 86.2 |
| >=1800 | 53.0 | 76.5 | 79.6 | 82.3 | 83.9 | 84.3 | 85.1 | 85.3 | 85.3 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.9 | 85.9 | 85.9 | 86.3 |
| >=1500 | 53.2 | 77.2 | 80.4 | 83.3 | 84.9 | 85.3 | 86.1 | 86.3 | 86.3 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 | 87.3 |
| >=1200 | 53.3 | 77.7 | 81.0 | 83.9 | 85.6 | 85.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.7 | 87.7 | 87.7 | 88.2 |
| >=1000 | 53.8 | 78.7 | 82.2 | 85.2 | 86.9 | 87.3 | 88.3 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.7 |
| >=900 | 54.0 | 79.3 | 82.7 | 85.8 | 87.5 | 87.9 | 89.0 | 89.2 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.8 | 89.8 | 89.8 | 90.4 |
| >=800 | 54.1 | 79.6 | 83.3 | 86.6 | 88.5 | 88.9 | 90.2 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.0 | 91.0 | 91.0 | 91.6 |
| >=700 | 54.3 | 80.0 | 83.8 | 87.3 | 89.3 | 89.7 | 91.2 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 92.5 |
| >=600 | 54.4 | 80.3 | 84.3 | 87.9 | 90.0 | 90.4 | 92.0 | 92.2 | 92.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 93.4 |
| >=500 | 54.6 | 80.9 | 84.8 | 88.5 | 90.7 | 91.2 | 92.8 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 | 93.6 | 94.2 |
| >=400 | 54.7 | 81.0 | 85.1 | 89.2 | 91.6 | 92.0 | 93.6 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 95.5 |
| >=300 | 54.7 | 81.1 | 85.2 | 89.6 | 92.4 | 93.0 | 95.3 | 95.7 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.5 | 96.5 | 96.5 | 97.2 |
| >=200 | 54.7 | 81.1 | 85.2 | 89.6 | 92.5 | 93.2 | 95.8 | 96.3 | 96.3 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.5 | 97.5 | 97.5 | 98.3 |
| >=100 | 54.7 | 81.1 | 85.2 | 89.6 | 92.5 | 93.2 | 95.9 | 96.4 | 96.4 | 96.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.1 | 98.1 | 98.1 | 99.5 |
| >=0 | 54.7 | 81.1 | 85.2 | 89.6 | 92.5 | 93.2 | 95.9 | 96.4 | 96.4 | 96.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 98.2 | 98.2 | 98.2 | 100.0 |

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | 3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 36.0 | 49.7 | 51.8 | 54.0 | 55.0 | 55.1 | 55.6 | 55.9 | 56.1 | 56.6 | 56.9 | 56.9 | 56.9 | 56.9 | 57.2 | 57.2 |
| >=20000 | 37.7 | 52.5 | 54.7 | 57.1 | 58.1 | 58.2 | 58.7 | 59.0 | 59.3 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.3 | 60.3 |
| >=18000 | 37.9 | 52.8 | 55.0 | 57.5 | 58.5 | 58.6 | 59.1 | 59.4 | 59.6 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.7 | 60.7 |
| >=16000 | 38.0 | 53.0 | 55.1 | 57.6 | 58.6 | 58.7 | 59.3 | 59.6 | 59.8 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.9 | 60.9 |
| >=14000 | 38.7 | 54.1 | 56.5 | 59.0 | 60.0 | 60.1 | 60.6 | 61.0 | 61.2 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.3 | 62.3 |
| >=12000 | 39.6 | 55.9 | 58.3 | 60.9 | 62.0 | 62.0 | 62.6 | 63.0 | 63.2 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.3 | 64.3 |
| >=10000 | 40.7 | 57.5 | 60.1 | 62.8 | 63.9 | 64.0 | 64.5 | 64.9 | 65.1 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 66.2 | 66.2 |
| >=9000 | 41.3 | 58.6 | 61.4 | 64.1 | 65.2 | 65.3 | 65.8 | 66.2 | 66.4 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.5 | 67.5 |
| >=8000 | 41.9 | 59.7 | 62.6 | 65.3 | 66.4 | 66.6 | 67.1 | 67.5 | 67.7 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.8 | 68.8 |
| >=7000 | 42.7 | 61.3 | 64.5 | 67.3 | 68.4 | 68.6 | 69.3 | 69.6 | 69.9 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.9 | 70.9 |
| >=6000 | 43.3 | 62.2 | 65.4 | 68.2 | 69.3 | 69.5 | 70.2 | 70.6 | 70.8 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.9 | 71.9 |
| >=5000 | 44.5 | 64.4 | 67.6 | 70.6 | 71.8 | 71.9 | 72.6 | 73.0 | 73.3 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.3 | 74.3 |
| >=4500 | 45.1 | 65.6 | 68.9 | 71.9 | 73.1 | 73.3 | 74.0 | 74.4 | 74.6 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.7 | 75.7 |
| >=4000 | 45.6 | 66.4 | 69.8 | 72.8 | 74.1 | 74.3 | 75.0 | 75.4 | 75.6 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.8 | 76.8 |
| >=3500 | 46.3 | 67.6 | 71.1 | 74.2 | 75.5 | 75.6 | 76.5 | 76.9 | 77.1 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 78.2 | 78.2 |
| >=3000 | 47.0 | 68.6 | 72.3 | 75.6 | 76.9 | 77.0 | 77.9 | 78.2 | 78.5 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.7 | 79.7 |
| >=2500 | 47.3 | 69.5 | 73.3 | 76.8 | 78.1 | 78.2 | 79.1 | 79.5 | 79.7 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.9 | 80.9 |
| >=2000 | 47.7 | 70.6 | 74.6 | 78.1 | 79.6 | 79.7 | 80.6 | 80.9 | 81.2 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.4 | 82.4 |
| >=1800 | 47.6 | 70.8 | 74.9 | 78.5 | 79.9 | 80.1 | 80.9 | 81.3 | 81.6 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.8 | 82.8 |
| >=1500 | 48.3 | 71.9 | 75.9 | 79.7 | 81.2 | 81.3 | 82.2 | 82.6 | 82.9 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 84.1 | 84.1 |
| >=1200 | 48.6 | 72.6 | 76.8 | 80.6 | 82.0 | 82.2 | 83.1 | 83.5 | 83.7 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.9 | 84.9 |
| >=1000 | 48.7 | 73.1 | 77.4 | 81.2 | 82.8 | 82.9 | 83.9 | 84.2 | 84.5 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.7 | 85.7 |
| >=900 | 48.8 | 73.4 | 77.8 | 81.6 | 83.2 | 83.3 | 84.4 | 84.9 | 85.1 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.3 | 86.3 |
| >=800 | 49.0 | 74.3 | 78.6 | 82.6 | 84.2 | 84.4 | 85.5 | 86.0 | 86.2 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.5 | 87.5 |
| >=700 | 49.4 | 75.2 | 79.8 | 83.9 | 85.6 | 85.9 | 87.2 | 87.6 | 87.9 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 |
| >=600 | 49.6 | 76.0 | 80.9 | 85.1 | 87.0 | 87.2 | 88.6 | 89.1 | 89.3 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.5 | 90.5 |
| >=500 | 49.8 | 76.6 | 81.5 | 86.1 | 88.1 | 88.3 | 89.9 | 90.4 | 90.6 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.9 | 91.9 |
| >=400 | 50.0 | 77.1 | 82.1 | 86.8 | 88.9 | 89.2 | 90.9 | 91.6 | 91.9 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 93.2 | 93.2 |
| >=300 | 50.0 | 77.3 | 82.5 | 87.5 | 89.9 | 90.2 | 92.1 | 92.9 | 93.2 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 95.0 | 95.0 |
| >=200 | 50.0 | 77.3 | 82.6 | 87.7 | 90.2 | 90.5 | 92.6 | 93.7 | 94.0 | 95.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.6 | 96.6 |
| >=100 | 50.0 | 77.3 | 82.6 | 87.7 | 90.2 | 90.5 | 92.7 | 93.9 | 94.3 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 97.5 | 97.5 |
| >=0 | 50.0 | 77.3 | 82.6 | 87.7 | 90.2 | 90.5 | 92.7 | 93.9 | 94.3 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 97.5 | 97.5 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 32.2 | 45.8 | 48.4 | 49.9 | 51.9 | 52.0 | 52.7 | 53.2 | 53.7 | 53.8 |
| >=20000 | 34.4 | 49.8 | 52.8 | 54.3 | 56.6 | 56.8 | 57.6 | 58.0 | 58.5 | 58.7 |
| >=18000 | 34.6 | 50.2 | 53.2 | 54.7 | 57.0 | 57.2 | 58.0 | 58.4 | 58.9 | 59.1 |
| >=16000 | 34.7 | 50.3 | 53.3 | 54.9 | 57.2 | 57.3 | 58.1 | 58.6 | 59.0 | 59.3 |
| >=14000 | 35.3 | 51.3 | 54.6 | 56.2 | 58.5 | 58.6 | 59.4 | 60.0 | 60.4 | 60.6 |
| >=12000 | 36.3 | 53.4 | 57.0 | 58.7 | 61.3 | 61.5 | 62.3 | 62.9 | 63.5 | 63.7 |
| >=10000 | 37.0 | 54.7 | 58.3 | 60.1 | 62.6 | 62.9 | 63.7 | 64.3 | 65.0 | 65.2 |
| >=9000 | 37.7 | 55.8 | 59.5 | 61.3 | 63.8 | 64.0 | 64.9 | 65.5 | 66.1 | 66.3 |
| >=8000 | 38.2 | 56.6 | 60.3 | 62.2 | 64.7 | 65.0 | 65.8 | 66.4 | 67.0 | 67.3 |
| >=7000 | 39.0 | 58.1 | 61.9 | 63.7 | 66.3 | 66.7 | 67.6 | 68.3 | 68.9 | 69.2 |
| >=6000 | 39.5 | 59.4 | 63.2 | 65.1 | 67.7 | 68.1 | 69.0 | 69.9 | 70.6 | 70.8 |
| >=5000 | 40.6 | 61.0 | 64.8 | 66.7 | 69.4 | 69.8 | 70.7 | 71.6 | 72.3 | 72.5 |
| >=4500 | 41.0 | 62.0 | 65.8 | 67.7 | 70.4 | 70.8 | 71.7 | 72.6 | 73.3 | 73.5 |
| >=4000 | 41.4 | 62.8 | 66.6 | 68.7 | 71.4 | 71.9 | 72.9 | 73.8 | 74.4 | 74.6 |
| >=3500 | 42.0 | 63.6 | 67.6 | 69.7 | 72.4 | 72.9 | 73.9 | 74.8 | 75.4 | 75.6 |
| >=3000 | 42.2 | 64.5 | 68.6 | 70.8 | 73.7 | 74.2 | 75.3 | 76.2 | 76.9 | 77.1 |
| >=2500 | 42.7 | 65.7 | 69.9 | 72.2 | 75.3 | 75.8 | 77.0 | 77.9 | 78.6 | 78.8 |
| >=2000 | 43.0 | 66.2 | 70.4 | 72.8 | 76.0 | 76.5 | 77.7 | 78.7 | 79.4 | 79.6 |
| >=1800 | 43.3 | 66.6 | 70.8 | 73.2 | 76.4 | 76.9 | 78.2 | 79.2 | 79.9 | 80.2 |
| >=1500 | 43.9 | 67.3 | 71.6 | 74.1 | 77.4 | 77.9 | 79.2 | 80.2 | 80.9 | 81.2 |
| >=1200 | 44.3 | 68.3 | 72.9 | 75.5 | 78.9 | 79.5 | 80.9 | 81.9 | 82.7 | 82.9 |
| >=1000 | 44.9 | 69.2 | 73.7 | 76.4 | 79.9 | 80.4 | 81.9 | 82.9 | 83.7 | 83.9 |
| >=900 | 45.2 | 69.7 | 74.3 | 77.0 | 80.7 | 81.3 | 82.8 | 83.8 | 84.6 | 84.9 |
| >=800 | 45.5 | 70.5 | 75.2 | 77.9 | 81.8 | 82.4 | 84.0 | 85.1 | 86.0 | 86.2 |
| >=700 | 45.7 | 71.2 | 76.0 | 78.9 | 82.9 | 83.6 | 85.2 | 86.4 | 87.3 | 87.6 |
| >=600 | 46.0 | 72.0 | 76.9 | 79.9 | 84.2 | 84.8 | 86.6 | 87.8 | 88.7 | 89.0 |
| >=500 | 46.2 | 72.4 | 77.4 | 80.6 | 85.1 | 85.9 | 87.8 | 89.0 | 89.9 | 90.2 |
| >=400 | 46.3 | 72.8 | 77.8 | 81.2 | 85.8 | 86.5 | 88.9 | 90.2 | 91.3 | 91.7 |
| >=300 | 46.3 | 72.9 | 77.9 | 81.6 | 86.4 | 87.4 | 89.9 | 91.8 | 93.5 | 93.9 |
| >=200 | 46.3 | 72.9 | 78.2 | 81.9 | 86.8 | 87.9 | 90.5 | 92.4 | 94.9 | 95.5 |
| >=100 | 46.3 | 72.9 | 78.2 | 81.9 | 86.8 | 87.9 | 90.5 | 92.4 | 95.0 | 95.5 |
| >= 0 | 46.3 | 72.9 | 78.2 | 81.9 | 86.8 | 87.9 | 90.5 | 92.4 | 95.0 | 95.5 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 42.1 | 53.3 | 54.8 | 55.1 | 55.4 | 55.5 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 |
| >=20000 | 45.9 | 58.4 | 59.9 | 60.4 | 60.7 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 |
| >=18000 | 46.4 | 58.8 | 60.4 | 60.9 | 61.2 | 61.3 | 61.6 | 61.6 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| >=16000 | 46.7 | 59.2 | 60.8 | 61.3 | 61.6 | 61.7 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 |
| >=14000 | 47.9 | 60.8 | 62.4 | 62.9 | 63.2 | 63.3 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 |
| >=12000 | 48.7 | 62.2 | 64.0 | 64.6 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 |
| >=10000 | 49.7 | 63.7 | 65.7 | 66.4 | 67.0 | 67.1 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 |
| >=9000 | 50.1 | 64.5 | 66.5 | 67.2 | 67.9 | 68.0 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 |
| >=8000 | 50.5 | 65.5 | 67.7 | 68.4 | 69.1 | 69.4 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 |
| >=7000 | 51.3 | 67.0 | 69.4 | 70.3 | 71.1 | 71.4 | 71.7 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=6000 | 51.7 | 67.8 | 70.3 | 71.2 | 72.0 | 72.3 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 |
| >=5000 | 52.9 | 70.0 | 72.7 | 73.7 | 74.6 | 74.8 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 |
| >=4500 | 53.4 | 70.7 | 73.4 | 74.5 | 75.4 | 75.7 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 |
| >=4000 | 53.8 | 71.3 | 74.0 | 75.0 | 76.0 | 76.2 | 76.7 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 |
| >=3500 | 54.3 | 72.0 | 74.7 | 75.8 | 76.9 | 77.1 | 77.6 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 |
| >=3000 | 55.1 | 73.3 | 76.1 | 77.3 | 78.4 | 78.6 | 79.2 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 |
| >=2500 | 56.0 | 74.7 | 77.6 | 79.0 | 80.1 | 80.4 | 81.0 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 |
| >=2000 | 56.8 | 76.3 | 79.4 | 80.9 | 82.1 | 82.4 | 82.9 | 83.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 |
| >=1800 | 57.9 | 77.6 | 80.7 | 82.2 | 83.4 | 83.7 | 84.3 | 84.6 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 |
| >=1500 | 58.6 | 78.8 | 81.9 | 83.4 | 84.6 | 84.9 | 85.6 | 85.9 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 |
| >=1200 | 59.4 | 80.6 | 83.8 | 85.3 | 86.6 | 87.0 | 87.8 | 88.1 | 88.1 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 |
| >=1000 | 60.0 | 82.0 | 85.2 | 87.0 | 88.3 | 88.9 | 89.7 | 90.0 | 90.0 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=900 | 60.0 | 82.6 | 85.9 | 88.2 | 89.6 | 90.2 | 91.2 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 |
| >=800 | 60.2 | 83.5 | 86.9 | 89.2 | 90.7 | 91.2 | 92.5 | 92.8 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 |
| >=700 | 60.3 | 84.2 | 87.6 | 90.0 | 91.6 | 92.2 | 93.4 | 93.7 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 |
| >=600 | 60.4 | 84.6 | 88.1 | 90.7 | 92.3 | 93.0 | 94.4 | 94.9 | 94.9 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 |
| >=500 | 60.4 | 84.6 | 88.2 | 90.9 | 92.8 | 93.5 | 95.2 | 95.9 | 95.9 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 |
| >=400 | 60.5 | 84.8 | 88.5 | 91.2 | 93.2 | 94.2 | 95.9 | 97.1 | 97.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=300 | 60.5 | 84.9 | 88.7 | 91.5 | 93.6 | 94.7 | 96.5 | 97.8 | 97.8 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=200 | 60.5 | 84.9 | 88.7 | 91.5 | 93.6 | 94.7 | 96.7 | 98.0 | 98.0 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=100 | 60.5 | 84.9 | 88.7 | 91.5 | 93.6 | 94.7 | 96.7 | 98.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=0 | 60.5 | 84.9 | 88.7 | 91.5 | 93.6 | 94.7 | 96.7 | 98.0 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1/4 |
| UNLIMIT | 45.6 | 53.6 | 54.1 | 54.5 | 54.6 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 |
| >=20000 | 50.9 | 60.3 | 60.8 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 |
| >=18000 | 51.2 | 60.6 | 61.1 | 61.4 | 61.6 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 |
| >=16000 | 51.5 | 60.9 | 61.4 | 61.8 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.1 |
| >=14000 | 52.7 | 62.6 | 63.1 | 63.4 | 63.6 | 63.6 | 63.8 | 63.8 | 63.9 | 63.9 |
| >=12000 | 53.8 | 63.8 | 64.4 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.2 | 65.2 |
| >=10000 | 54.8 | 65.4 | 66.1 | 66.4 | 66.6 | 66.6 | 66.8 | 66.8 | 66.9 | 66.9 |
| >=9000 | 55.1 | 66.2 | 67.1 | 67.5 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 |
| >=8000 | 55.8 | 67.4 | 68.3 | 68.7 | 68.8 | 68.9 | 69.1 | 69.1 | 69.2 | 69.2 |
| >=7000 | 56.5 | 68.9 | 70.0 | 70.4 | 70.5 | 70.6 | 70.8 | 70.9 | 71.0 | 71.0 |
| >=6000 | 57.0 | 69.7 | 70.8 | 71.2 | 71.4 | 71.5 | 71.7 | 71.9 | 72.0 | 72.0 |
| >=5000 | 58.2 | 71.5 | 72.6 | 73.0 | 73.3 | 73.4 | 73.7 | 73.8 | 73.9 | 73.9 |
| >=4500 | 59.6 | 73.2 | 74.3 | 74.8 | 75.2 | 75.3 | 75.5 | 75.7 | 75.7 | 75.7 |
| >=4000 | 61.1 | 75.0 | 76.3 | 76.8 | 77.2 | 77.3 | 77.5 | 77.6 | 77.7 | 77.7 |
| >=3500 | 63.1 | 77.7 | 79.1 | 79.6 | 80.0 | 80.1 | 80.3 | 80.5 | 80.6 | 80.6 |
| >=3000 | 64.7 | 80.0 | 81.5 | 82.0 | 82.4 | 82.6 | 82.9 | 83.2 | 83.3 | 83.3 |
| >=2500 | 66.0 | 82.1 | 83.7 | 84.3 | 84.8 | 85.0 | 85.3 | 85.7 | 85.8 | 85.8 |
| >=2000 | 67.2 | 84.9 | 86.6 | 87.3 | 87.9 | 88.2 | 88.6 | 89.0 | 89.1 | 89.1 |
| >=1800 | 67.4 | 85.3 | 87.1 | 87.9 | 88.4 | 88.7 | 89.3 | 89.6 | 89.6 | 89.6 |
| >=1500 | 68.0 | 86.9 | 88.8 | 89.6 | 90.2 | 90.6 | 91.2 | 91.4 | 91.5 | 91.5 |
| >=1200 | 68.4 | 87.7 | 89.9 | 90.9 | 91.6 | 91.9 | 92.7 | 92.9 | 93.0 | 93.0 |
| >=1000 | 68.8 | 88.5 | 90.8 | 91.9 | 92.7 | 93.0 | 94.1 | 94.3 | 94.4 | 94.4 |
| >=900 | 69.0 | 89.2 | 91.5 | 92.6 | 93.4 | 93.7 | 94.8 | 95.0 | 95.1 | 95.1 |
| >=800 | 69.1 | 89.6 | 91.9 | 93.2 | 94.1 | 94.6 | 95.7 | 96.0 | 96.1 | 96.1 |
| >=700 | 69.2 | 89.7 | 92.1 | 93.3 | 94.4 | 95.0 | 96.2 | 96.5 | 96.6 | 96.6 |
| >=600 | 69.2 | 89.9 | 92.3 | 93.7 | 94.9 | 95.6 | 97.0 | 97.3 | 97.4 | 97.4 |
| >=500 | 69.2 | 90.0 | 92.5 | 93.9 | 95.2 | 95.9 | 97.4 | 97.8 | 98.0 | 98.0 |
| >=400 | 69.2 | 90.1 | 92.5 | 94.0 | 95.2 | 96.0 | 98.6 | 99.0 | 99.2 | 99.2 |
| >=300 | 69.2 | 90.1 | 92.5 | 94.2 | 95.4 | 96.2 | 98.8 | 99.3 | 99.5 | 99.5 |
| >=200 | 69.2 | 90.2 | 92.6 | 94.2 | 95.5 | 96.3 | 99.0 | 99.6 | 99.8 | 99.8 |
| >=100 | 69.2 | 90.2 | 92.6 | 94.2 | 95.5 | 96.3 | 98.2 | 99.0 | 99.6 | 99.6 |
| >=0 | 69.2 | 90.2 | 92.6 | 94.2 | 95.5 | 96.3 | 98.2 | 99.0 | 99.6 | 99.6 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1/8 | >=1/16 |
| UNLIMIT | 44.2 | 54.9 | 55.5 | 55.7 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 |
| >=20000 | 49.6 | 62.1 | 62.8 | 63.1 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >=18000 | 50.2 | 62.6 | 63.3 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 |
| >=16000 | 50.5 | 63.0 | 63.7 | 63.9 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 |
| >=14000 | 51.8 | 64.4 | 65.1 | 65.4 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| >=12000 | 52.6 | 65.8 | 66.6 | 66.8 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 |
| >=10000 | 53.8 | 67.4 | 68.2 | 68.4 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| >=9000 | 54.7 | 68.9 | 69.7 | 70.0 | 70.4 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| >=8000 | 55.1 | 70.0 | 71.0 | 71.4 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=7000 | 56.1 | 71.7 | 72.9 | 73.3 | 73.7 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 |
| >=6000 | 57.4 | 73.0 | 74.2 | 74.7 | 75.1 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 |
| >=5000 | 58.6 | 75.1 | 76.4 | 77.0 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 |
| >=4500 | 59.4 | 76.3 | 77.6 | 78.3 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 |
| >=4000 | 60.7 | 78.3 | 79.7 | 80.5 | 81.1 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 |
| >=3500 | 61.8 | 80.2 | 81.7 | 82.6 | 83.2 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| >=3000 | 62.4 | 81.5 | 83.2 | 84.0 | 84.7 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| >=2500 | 63.2 | 83.1 | 84.9 | 85.9 | 86.6 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.5 |
| >=2000 | 64.1 | 84.4 | 86.3 | 87.3 | 88.1 | 88.4 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 |
| >=1800 | 64.5 | 85.1 | 87.0 | 88.0 | 88.8 | 89.1 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 |
| >=1500 | 65.1 | 86.4 | 88.3 | 89.5 | 90.2 | 90.6 | 91.2 | 91.4 | 91.6 | 91.6 | 91.6 |
| >=1200 | 65.7 | 87.3 | 89.6 | 90.8 | 91.6 | 91.9 | 92.5 | 92.9 | 93.0 | 93.1 | 93.1 |
| >=1000 | 65.7 | 88.0 | 90.4 | 91.9 | 92.9 | 93.4 | 94.3 | 94.8 | 94.5 | 94.6 | 94.6 |
| >=900 | 65.7 | 88.2 | 90.8 | 92.3 | 93.3 | 93.9 | 94.9 | 95.3 | 95.7 | 95.9 | 95.9 |
| >=800 | 65.7 | 88.2 | 90.8 | 92.3 | 93.3 | 93.9 | 94.9 | 95.3 | 95.7 | 95.9 | 95.9 |
| >=700 | 65.7 | 88.8 | 91.4 | 92.9 | 94.1 | 94.7 | 95.9 | 96.4 | 96.8 | 96.9 | 96.9 |
| >=600 | 65.7 | 89.1 | 91.8 | 93.6 | 94.9 | 95.5 | 97.1 | 97.6 | 98.1 | 98.2 | 98.2 |
| >=500 | 65.7 | 89.2 | 91.9 | 93.9 | 95.1 | 95.9 | 97.4 | 98.2 | 98.7 | 98.8 | 98.8 |
| >=400 | 65.7 | 89.2 | 91.9 | 93.9 | 95.2 | 96.0 | 97.8 | 98.6 | 99.3 | 99.5 | 99.5 |
| >=300 | 65.7 | 89.2 | 91.9 | 93.9 | 95.2 | 96.0 | 97.9 | 98.8 | 99.5 | 99.8 | 99.8 |
| >=200 | 65.7 | 89.3 | 92.0 | 94.0 | 95.3 | 96.1 | 98.1 | 98.9 | 99.7 | 99.8 | 100.0 |
| >=100 | 65.7 | 89.3 | 92.0 | 94.0 | 95.3 | 96.1 | 98.1 | 98.9 | 99.7 | 99.8 | 100.0 |
| >= 0 | 65.7 | 89.3 | 92.0 | 94.0 | 95.3 | 96.1 | 98.1 | 98.9 | 99.7 | 99.8 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 44.1 | 57.4 | 59.0 | 59.4 | 59.9 | 60.0 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| >=20000 | 49.3 | 64.2 | 65.9 | 66.5 | 66.9 | 67.1 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=18000 | 49.4 | 64.3 | 65.9 | 66.6 | 67.1 | 67.3 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| >=16000 | 49.7 | 64.6 | 66.3 | 66.9 | 67.4 | 67.6 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| >=14000 | 51.2 | 66.4 | 68.3 | 68.9 | 69.5 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| >=12000 | 52.3 | 68.4 | 70.3 | 71.1 | 71.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| >=10000 | 53.6 | 70.4 | 72.5 | 73.3 | 73.9 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| >=9000 | 54.0 | 71.3 | 73.6 | 74.3 | 74.9 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| >=8000 | 54.7 | 72.5 | 74.8 | 75.6 | 76.2 | 76.3 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| >=7000 | 55.6 | 74.1 | 76.7 | 77.5 | 78.2 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| >=6000 | 56.3 | 75.4 | 78.0 | 78.9 | 79.7 | 80.0 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| >=5000 | 57.6 | 77.1 | 79.8 | 80.7 | 81.5 | 81.9 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| >=4500 | 57.9 | 78.2 | 81.1 | 82.1 | 82.9 | 83.2 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| >=4000 | 58.6 | 79.2 | 82.1 | 83.1 | 83.9 | 84.3 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| >=3500 | 59.3 | 80.3 | 83.2 | 84.2 | 85.0 | 85.4 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| >=3000 | 59.6 | 80.8 | 83.6 | 84.7 | 85.5 | 86.0 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| >=2500 | 60.3 | 81.9 | 84.9 | 85.9 | 86.9 | 87.4 | 88.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| >=2000 | 60.4 | 82.6 | 85.7 | 87.1 | 88.2 | 88.7 | 89.7 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >=1800 | 60.5 | 82.7 | 85.9 | 87.2 | 88.4 | 88.9 | 89.5 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| >=1500 | 60.6 | 83.6 | 86.8 | 88.3 | 89.5 | 90.0 | 90.7 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| >=1200 | 60.7 | 84.2 | 87.5 | 89.0 | 90.4 | 90.9 | 91.8 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| >=1000 | 61.0 | 85.2 | 88.4 | 89.9 | 91.4 | 91.9 | 92.9 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| >=900 | 61.0 | 85.3 | 88.6 | 90.2 | 91.8 | 92.4 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| >=800 | 61.0 | 85.6 | 88.9 | 90.6 | 92.2 | 92.9 | 93.9 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| >=700 | 61.1 | 85.8 | 89.2 | 91.1 | 92.9 | 93.5 | 94.7 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=600 | 61.1 | 86.2 | 89.7 | 91.6 | 93.6 | 94.3 | 95.6 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| >=500 | 61.1 | 86.3 | 89.9 | 91.9 | 94.1 | 94.9 | 96.3 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| >=400 | 61.1 | 86.4 | 90.0 | 92.1 | 94.5 | 95.5 | 97.2 | 98.0 | 98.0 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=300 | 61.1 | 86.5 | 90.1 | 92.2 | 94.9 | 95.9 | 97.7 | 98.5 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=200 | 61.1 | 86.5 | 90.1 | 92.3 | 95.0 | 96.0 | 97.9 | 98.8 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=100 | 61.1 | 86.5 | 90.1 | 92.3 | 95.0 | 96.0 | 98.0 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 61.1 | 86.5 | 90.1 | 92.3 | 95.0 | 96.0 | 98.0 | 98.9 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

D13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 |
| UNLIMIT | 44.9 | 59.9 | 61.7 | 62.7 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.7 |
| >=20000 | 48.0 | 64.4 | 66.3 | 67.4 | 68.1 | 68.2 | 68.3 | 68.3 | 68.4 | 68.4 |
| >=18000 | 48.2 | 64.7 | 66.5 | 67.6 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 |
| >=16000 | 48.5 | 65.0 | 66.8 | 67.9 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 |
| >=14000 | 49.3 | 66.0 | 67.8 | 69.0 | 69.7 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 |
| >=12000 | 50.6 | 67.9 | 69.7 | 70.9 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 | 72.0 |
| >=10000 | 51.5 | 69.4 | 71.3 | 72.4 | 73.3 | 73.3 | 73.5 | 73.5 | 73.6 | 73.7 |
| >=9000 | 51.9 | 70.5 | 72.4 | 73.6 | 74.4 | 74.5 | 74.7 | 74.7 | 74.8 | 74.8 |
| >=8000 | 52.6 | 71.9 | 73.9 | 75.1 | 76.0 | 76.0 | 76.2 | 76.3 | 76.3 | 76.4 |
| >=7000 | 53.5 | 73.5 | 75.7 | 76.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 |
| >=6000 | 54.2 | 75.0 | 77.2 | 78.5 | 79.5 | 79.6 | 79.9 | 79.9 | 80.0 | 80.0 |
| >=5000 | 55.1 | 76.7 | 79.0 | 80.3 | 81.3 | 81.3 | 81.9 | 81.9 | 82.0 | 82.0 |
| >=4500 | 55.5 | 77.6 | 80.2 | 81.6 | 82.6 | 82.6 | 83.1 | 83.2 | 83.3 | 83.3 |
| >=4000 | 56.1 | 78.8 | 81.4 | 82.8 | 83.8 | 83.9 | 84.3 | 84.4 | 84.5 | 84.6 |
| >=3500 | 56.3 | 79.3 | 82.1 | 83.5 | 84.5 | 84.6 | 85.0 | 85.1 | 85.2 | 85.3 |
| >=3000 | 56.7 | 80.0 | 82.7 | 84.1 | 85.1 | 85.2 | 85.6 | 85.7 | 85.8 | 85.9 |
| >=2500 | 57.1 | 81.0 | 83.9 | 85.3 | 86.5 | 86.6 | 87.0 | 87.1 | 87.2 | 87.3 |
| >=2000 | 57.5 | 82.2 | 85.2 | 86.8 | 88.0 | 88.1 | 88.6 | 88.6 | 88.7 | 88.8 |
| >=1800 | 57.5 | 82.4 | 85.4 | 87.0 | 88.3 | 88.4 | 88.9 | 88.9 | 89.0 | 89.1 |
| >=1500 | 57.7 | 82.6 | 85.7 | 87.4 | 88.9 | 89.0 | 89.5 | 89.6 | 89.6 | 89.7 |
| >=1200 | 57.8 | 83.3 | 86.5 | 88.2 | 89.6 | 89.8 | 90.4 | 90.6 | 90.6 | 90.7 |
| >=1000 | 57.8 | 83.7 | 87.0 | 88.7 | 90.2 | 90.4 | 91.2 | 91.5 | 91.6 | 91.7 |
| >=900 | 57.9 | 84.3 | 87.6 | 89.3 | 90.9 | 91.0 | 91.8 | 92.1 | 92.1 | 92.3 |
| >=800 | 57.9 | 84.9 | 88.3 | 90.1 | 91.8 | 91.9 | 92.7 | 93.0 | 93.2 | 93.2 |
| >=700 | 58.1 | 85.3 | 88.7 | 90.5 | 92.2 | 92.5 | 93.3 | 93.7 | 93.9 | 93.9 |
| >=600 | 58.3 | 85.6 | 89.2 | 91.3 | 92.0 | 93.3 | 94.3 | 94.7 | 94.9 | 94.9 |
| >=500 | 58.3 | 86.0 | 89.6 | 91.7 | 93.7 | 94.0 | 95.1 | 95.5 | 95.7 | 95.8 |
| >=400 | 58.4 | 86.4 | 90.0 | 92.5 | 94.6 | 95.0 | 96.4 | 96.8 | 97.0 | 97.1 |
| >=300 | 58.4 | 86.5 | 90.1 | 92.9 | 95.1 | 95.5 | 97.2 | 97.7 | 97.9 | 98.0 |
| >=200 | 58.4 | 86.5 | 90.1 | 92.9 | 95.2 | 95.7 | 97.4 | 97.9 | 98.3 | 98.5 |
| >=100 | 58.4 | 86.5 | 90.1 | 92.9 | 95.2 | 95.8 | 97.5 | 98.0 | 98.6 | 98.9 |
| >=0 | 58.4 | 86.5 | 90.1 | 92.9 | 95.2 | 95.8 | 97.5 | 98.0 | 98.6 | 98.9 |

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

Q13860 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : MAR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 41.2 | 53.7 | 55.2 | 56.2 | 56.9 | 57.0 | 57.3 | 57.4 | 57.5 | 57.6 |
| >=20000 | 44.9 | 58.6 | 60.5 | 61.5 | 62.3 | 62.4 | 62.7 | 62.8 | 62.9 | 63.1 |
| >=18000 | 45.1 | 59.1 | 60.8 | 61.8 | 62.6 | 62.7 | 63.0 | 63.2 | 63.4 | 63.4 |
| >=16000 | 45.3 | 59.3 | 61.0 | 62.1 | 62.9 | 63.0 | 63.3 | 63.4 | 63.5 | 63.7 |
| >=14000 | 46.3 | 60.7 | 62.5 | 63.6 | 64.4 | 64.5 | 64.8 | 64.9 | 65.0 | 65.2 |
| >=12000 | 47.4 | 62.4 | 64.2 | 65.4 | 66.3 | 66.4 | 66.8 | 66.9 | 66.9 | 67.1 |
| >=10000 | 48.4 | 64.0 | 66.0 | 67.2 | 68.1 | 68.2 | 68.6 | 68.7 | 68.8 | 69.0 |
| >=9000 | 49.0 | 65.1 | 67.1 | 68.4 | 69.3 | 69.4 | 69.8 | 70.0 | 70.0 | 70.2 |
| >=8000 | 49.5 | 66.2 | 68.4 | 69.6 | 70.6 | 70.7 | 71.1 | 71.3 | 71.3 | 71.5 |
| >=7000 | 50.4 | 67.8 | 70.1 | 71.4 | 72.5 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 |
| >=6000 | 51.1 | 68.9 | 71.3 | 72.7 | 73.7 | 73.9 | 74.4 | 74.6 | 74.6 | 74.8 |
| >=5000 | 52.2 | 70.8 | 73.3 | 74.7 | 75.8 | 76.0 | 76.5 | 76.7 | 76.8 | 77.0 |
| >=4500 | 52.8 | 71.9 | 74.4 | 75.9 | 77.0 | 77.2 | 77.8 | 78.0 | 78.0 | 78.3 |
| >=4000 | 53.6 | 73.1 | 75.7 | 77.2 | 78.4 | 78.6 | 79.2 | 79.4 | 79.4 | 79.7 |
| >=3500 | 54.4 | 74.3 | 77.0 | 78.6 | 79.7 | 80.0 | 80.6 | 80.8 | 80.8 | 81.0 |
| >=3000 | 55.0 | 75.4 | 78.2 | 79.8 | 81.0 | 81.3 | 81.9 | 82.2 | 82.3 | 82.5 |
| >=2500 | 55.6 | 76.7 | 79.6 | 81.3 | 82.6 | 82.9 | 83.6 | 83.9 | 83.9 | 84.1 |
| >=2000 | 56.2 | 78.0 | 81.0 | 82.8 | 84.2 | 84.5 | 85.2 | 85.5 | 85.6 | 85.8 |
| >=1800 | 56.5 | 78.4 | 81.4 | 83.3 | 84.7 | 85.0 | 85.7 | 86.1 | 86.1 | 86.4 |
| >=1500 | 56.9 | 79.3 | 82.4 | 84.4 | 85.9 | 86.2 | 87.0 | 87.3 | 87.3 | 87.6 |
| >=1200 | 57.3 | 80.2 | 83.5 | 85.5 | 87.0 | 87.4 | 88.3 | 88.6 | 88.6 | 89.0 |
| >=1000 | 57.6 | 81.0 | 84.3 | 86.5 | 88.1 | 88.4 | 89.4 | 89.8 | 89.9 | 90.2 |
| >=900 | 57.7 | 81.5 | 84.9 | 87.1 | 88.7 | 89.1 | 90.2 | 90.6 | 90.7 | 91.0 |
| >=800 | 57.8 | 82.0 | 85.5 | 87.8 | 89.6 | 90.0 | 91.2 | 91.6 | 91.6 | 92.0 |
| >=700 | 58.0 | 82.5 | 86.1 | 88.5 | 90.4 | 90.9 | 92.1 | 92.6 | 92.6 | 93.0 |
| >=600 | 58.1 | 83.0 | 86.6 | 89.2 | 91.2 | 91.8 | 93.2 | 93.7 | 93.7 | 94.1 |
| >=500 | 58.2 | 83.3 | 87.0 | 89.7 | 91.8 | 92.4 | 94.0 | 94.6 | 94.6 | 95.1 |
| >=400 | 58.2 | 83.5 | 87.2 | 90.1 | 92.4 | 93.1 | 94.9 | 95.6 | 95.6 | 96.2 |
| >=300 | 58.2 | 83.6 | 87.4 | 90.4 | 92.9 | 93.6 | 95.6 | 96.6 | 96.6 | 97.3 |
| >=200 | 58.2 | 83.6 | 87.4 | 90.5 | 93.0 | 93.8 | 95.9 | 96.9 | 97.0 | 97.9 |
| >=100 | 58.2 | 83.6 | 87.4 | 90.5 | 93.0 | 93.8 | 95.9 | 96.9 | 97.0 | 98.1 |
| >=0 | 58.2 | 83.6 | 87.4 | 90.5 | 93.0 | 93.8 | 95.9 | 96.9 | 97.0 | 98.1 |

TOTAL NO. OF OBS : 10413

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | 1.0 | 1.9 | 1.3 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 6.7 | |
| NNE | .7 | 1.9 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.8 | |
| NE | 1.0 | 2.2 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 5.9 | |
| ENE | .3 | 1.3 | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.3 | |
| E | .6 | 2.1 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.6 | |
| ESE | .2 | 1.0 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.4 | |
| SE | 1.0 | 1.7 | 1.3 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 5.9 | |
| SSE | 1.0 | 2.5 | 1.3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 5.6 | |
| S | 1.7 | 4.0 | 2.4 | 2.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | 7.1 | |
| SSW | 1.1 | 4.1 | 5.7 | 1.8 | .3 | .1 | .0 | .1 | .0 | .0 | .0 | 13.3 | 8.0 | |
| SW | .6 | 2.4 | 4.5 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 8.1 | |
| WSW | .5 | 1.8 | 2.6 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.1 | |
| W | .4 | 1.9 | 2.5 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.5 | |
| WNW | .4 | 1.0 | 2.5 | .9 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | 4.9 | 8.8 | |
| NW | .2 | 1.2 | 1.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 7.2 | |
| NNW | .5 | .4 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.4 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.9 | .0 | |
| ALL | 11.3 | 31.6 | 32.1 | 11.0 | .8 | .2 | .0 | .1 | .0 | .0 | .0 | 100.0 | 6.2 | |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | 1.6 | | | 4.0 | | | 1.7 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 5.9 |
| NNE | .9 | | | 2.1 | | | 2.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 6.6 |
| NE | .8 | | | 2.6 | | | 2.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 6.3 |
| ENE | .4 | | | 1.3 | | | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.8 |
| E | 1.1 | | | 1.0 | | | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.0 |
| ESE | .6 | | | .8 | | | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.1 |
| SE | .6 | | | .9 | | | .5 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 5.7 |
| SSE | .6 | | | .6 | | | 1.1 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.0 |
| S | 1.0 | | | 3.2 | | | 1.3 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 6.3 |
| SSW | 1.0 | | | 1.9 | | | 3.3 | 1.7 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | 8.0 | 8.0 |
| SW | .9 | | | 2.2 | | | 6.1 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 7.6 |
| WSW | .9 | | | 2.0 | | | 4.6 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 7.6 |
| W | .3 | | | 2.0 | | | 3.5 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.3 | 8.3 |
| WNW | .5 | | | 1.3 | | | 1.6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.8 |
| NW | .4 | | | 1.3 | | | 1.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 6.9 |
| NNW | 1.3 | | | 2.4 | | | .9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 5.9 |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.0 | .0 |
| ALL | 12.9 | | | 29.4 | | | 32.8 | 9.4 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.0 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 1.6 | 2.1 | 2.3 | .5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 6.1 |
| NNE | 1.2 | 2.3 | 2.9 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 7.4 |
| NE | .9 | 2.2 | 3.4 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.1 |
| ENE | .3 | 1.7 | 1.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 6.9 |
| E | .6 | 1.5 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 6.3 |
| ESE | .8 | 1.2 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 5.6 |
| SE | .4 | 1.5 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.5 |
| SSE | .5 | 1.6 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.3 |
| S | .6 | 1.9 | 1.5 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 7.1 |
| SSW | .6 | 2.0 | 2.7 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.1 | 8.3 |
| SW | 1.0 | 1.4 | 4.0 | 1.1 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | 7.9 | 8.1 |
| WSW | .6 | 1.6 | 4.0 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 8.8 |
| W | .7 | 1.9 | 4.8 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 8.5 |
| WNW | .6 | 1.3 | 1.7 | .8 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 4.5 | 7.6 |
| NW | .3 | 1.4 | .8 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 7.7 |
| NNW | .6 | 1.7 | 1.9 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.0 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.6 | .0 |
| ALL | 11.3 | 27.4 | 34.7 | 13.6 | 1.1 | .3 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.6 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | |
| N | .2 | 1.1 | 2.8 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.8 |
| NNE | .2 | 1.0 | 2.8 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 9.4 |
| NE | .2 | 1.0 | 2.8 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 8.6 |
| ENE | .1 | 1.2 | 2.6 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 9.3 |
| E | .3 | 1.3 | 2.6 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 8.8 |
| ESE | .4 | 1.1 | 1.5 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.9 |
| SE | .0 | .6 | 1.3 | 1.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 10.1 |
| SSE | .2 | .5 | 1.7 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 10.2 |
| S | .4 | 1.1 | 2.1 | 2.2 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 10.2 |
| SSW | .2 | 1.4 | 2.5 | 3.2 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 11.4 |
| SW | .4 | .9 | 3.4 | 3.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 10.6 |
| WSW | .1 | 1.0 | 3.3 | 4.0 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 11.0 |
| W | .2 | 1.0 | 3.2 | 3.6 | 1.3 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 11.8 |
| WNW | .1 | 1.4 | 2.0 | 2.5 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 10.7 |
| NW | .2 | .8 | 1.5 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 9.5 |
| NNW | .1 | .6 | 1.9 | 1.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 10.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .0 |
| ALL | 3.2 | 16.1 | 38.0 | 34.4 | 6.6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 10.2 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .25

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|--|--|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | .1 | 1.1 | 2.1 | 1.9 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 10.0 | | | | |
| NNE | .0 | 1.1 | 1.4 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.6 | | | | |
| NE | .2 | .7 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.6 | | | | |
| NNE | .2 | .9 | 1.6 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 9.5 | | | | |
| E | .2 | .6 | 1.6 | 2.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 10.8 | | | | |
| ESE | .3 | .6 | 2.1 | 2.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 10.3 | | | | |
| SE | .1 | 1.0 | 2.3 | 2.9 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | 8.0 | 10.8 | | | | |
| SSE | .2 | 1.0 | 2.9 | 2.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 6.5 | 10.1 | | | | |
| S | .1 | 1.1 | 2.8 | 4.0 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | 9.0 | 11.7 | | | | |
| SSW | .2 | .6 | 1.6 | 5.1 | 1.1 | .5 | .1 | .0 | .0 | .0 | .0 | 9.4 | 13.0 | | | | |
| SW | .2 | .5 | 2.4 | 3.4 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | 7.9 | 12.5 | | | | |
| WSW | .0 | .9 | 2.1 | 3.6 | .6 | .4 | .2 | .0 | .0 | .0 | .0 | 7.9 | 12.7 | | | | |
| W | .2 | .7 | 2.5 | 4.0 | 1.1 | .6 | .0 | .0 | .0 | .0 | .0 | 9.0 | 12.7 | | | | |
| WNW | .1 | .6 | 1.7 | 2.9 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | 6.7 | 12.7 | | | | |
| NW | .1 | .6 | 1.4 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 10.7 | | | | |
| NNW | .1 | .7 | 1.5 | 1.4 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 3.9 | 9.8 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .0 | | | | |
| ALL | 2.1 | 12.7 | 32.7 | 41.3 | 8.3 | 2.2 | .2 | .0 | .0 | .0 | .0 | 100.0 | 11.3 | | | | |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | .0 | .5 | 1.9 | 1.2 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | 3.9 | 10.7 | |
| NNE | .1 | .2 | .9 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 9.9 | |
| NE | .0 | .2 | 1.1 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 9.9 | |
| NNE | .1 | .0 | 1.4 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 10.0 | |
| E | .1 | .2 | 2.2 | 2.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 11.0 | |
| ESE | .0 | .7 | 2.3 | 4.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 11.1 | |
| SE | .0 | .6 | 3.7 | 5.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 11.1 | |
| SSE | .1 | .9 | 3.7 | 4.8 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | 9.8 | 11.2 | |
| S | .2 | .9 | 4.1 | 10.1 | 1.0 | .5 | .0 | .0 | .0 | .0 | .0 | 16.8 | 12.3 | |
| SSW | .1 | .5 | 2.5 | 6.3 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | 11.2 | 13.1 | |
| SW | .0 | .4 | 1.3 | 2.6 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | 5.0 | 12.3 | |
| WSW | .0 | .2 | 1.4 | 2.5 | .7 | .2 | .2 | .0 | .0 | .0 | .0 | 5.2 | 13.8 | |
| W | .0 | .2 | 1.3 | 3.5 | 1.0 | .5 | .0 | .0 | .0 | .0 | .0 | 6.4 | 13.6 | |
| WNW | .0 | .2 | 1.1 | 4.0 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | 6.9 | 14.1 | |
| NW | .1 | .3 | .8 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 11.7 | |
| NNW | .0 | .6 | 1.4 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 10.0 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| LLL | .7 | 6.5 | 31.1 | 51.9 | 7.7 | 1.7 | .3 | .0 | .0 | .0 | .0 | 100.0 | 12.0 | |

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|-------|-------|------|-------|-------|---------------|-------|-------|-------|-------|------|----|----|-------|-----|------------|-----------------------|
| | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | .4 | 1.2 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.7 | | |
| NNE | .2 | .7 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 7.6 | | |
| NE | .0 | 1.2 | .6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 7.8 | | |
| ENE | .0 | .4 | 2.3 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 9.9 | | |
| E | .4 | 1.3 | 3.6 | .9 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 8.5 | | |
| ESE | .6 | 1.7 | 3.9 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 7.3 | | |
| SE | .6 | 2.9 | 4.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 7.1 | | |
| SSE | 1.2 | 4.1 | 4.6 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.0 | 6.9 | | |
| S | .5 | 4.4 | 11.0 | 4.0 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 20.2 | 8.7 | | |
| SSW | .2 | 1.7 | 7.3 | 4.0 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.8 | 9.7 | | |
| SW | .2 | .5 | 3.3 | .4 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.2 | | |
| WSW | .1 | 1.2 | 2.0 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 8.3 | | |
| W | .1 | 1.3 | 2.5 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 8.5 | | |
| WNW | .4 | .8 | 1.2 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 9.0 | | |
| NW | .0 | .6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 9.3 | | |
| NNW | .1 | 1.0 | .9 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.4 | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .0 | | |
| ALL | 4.8 | 25.2 | 49.4 | 16.8 | 1.7 | .4 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.2 | | |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : APR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | |
| N | .6 | .6 | 1.0 | .4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 7.9 |
| NNE | .2 | 1.5 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.6 |
| NE | .5 | 1.3 | 1.3 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.3 |
| ENE | .2 | 1.8 | 1.6 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.3 |
| E | .6 | 2.5 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 6.0 |
| ESE | .9 | 2.9 | 1.7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 5.9 |
| SE | .9 | 3.3 | 1.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 5.8 |
| SSE | 1.7 | 3.4 | 1.7 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 5.9 |
| S | 2.9 | 7.1 | 5.1 | 1.7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 17.1 | 6.5 |
| SSW | 1.0 | 5.1 | 6.5 | 1.9 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 15.2 | 7.9 |
| SW | .3 | 3.4 | 3.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 7.4 |
| WSW | .4 | 1.3 | 2.9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 7.5 |
| W | .2 | 1.1 | 1.9 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.6 |
| WNW | .1 | .6 | 1.0 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 9.5 |
| NW | .3 | .1 | .6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 8.8 |
| NNW | .1 | .6 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 7.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | .0 |
| ALL | 11.0 | 36.5 | 34.2 | 9.7 | 1.5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.6 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOU : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL Σ | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | |
| N | .7 | 1.6 | 1.8 | 1.1 | .1 | .0* | .0* | .0* | .0 | .0 | .0 | 5.2 | 7.8 | |
| NNE | .4 | 1.4 | 1.7 | .6 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 7.6 | |
| NE | .4 | 1.4 | 1.9 | .5 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.2 | |
| ENE | .2 | 1.1 | 1.6 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.4 | |
| E | .5 | 1.3 | 1.8 | 1.0 | .1 | .0 | .0* | .0* | .0 | .0 | .0 | 4.7 | 8.1 | |
| ESE | .5 | 1.3 | 1.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 8.3 | |
| SE | .4 | 1.6 | 2.1 | 1.4 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.5 | |
| SSE | .7 | 1.8 | 2.2 | 1.3 | .2 | .0* | .0* | .0 | .0 | .0 | .0 | 6.2 | 8.2 | |
| S | .9 | 3.0 | 7.8 | 3.2 | .4 | .1 | .0* | .0* | .0 | .0 | .0 | 11.4 | 8.9 | |
| SSW | .5 | 2.2 | 4.0 | 3.2 | .7 | .2 | .0* | .0* | .0 | .0 | .0 | 10.8 | 9.8 | |
| SW | .5 | 1.5 | 3.6 | 1.8 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 7.7 | 9.2 | |
| WSW | .3 | 1.3 | 2.9 | 1.9 | .3 | .1 | .0* | .0 | .0 | .0 | .0 | 6.7 | 9.7 | |
| W | .3 | 1.3 | 2.8 | 2.1 | .5 | .2 | .0* | .0* | .0 | .0 | .0 | 7.1 | 10.2 | |
| WNW | .3 | .9 | 1.6 | 1.7 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 5.0 | 10.5 | |
| NW | .2 | .8 | 1.0 | .9 | .1 | .0 | .0 | .0* | .0 | .0 | .0 | 3.0 | 9.1 | |
| NNW | .3 | 1.0 | 1.3 | .8 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.2 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | .0 | |
| ALL | 7.2 | 23.2 | 35.6 | 23.5 | 3.6 | .8 | .1 | .0* | .0 | .0 | .0 | 100.0 | 8.4 | |

TOTAL NO. OF OBS : 10079

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 42.9 | 63.7 | 65.5 | 66.9 | 68.1 | 68.2 | 68.7 | 68.7 | 68.7 | 68.7 | 69.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.7 | 69.9 |
| >=20000 | 44.8 | 66.6 | 68.7 | 70.2 | 71.4 | 71.5 | 72.0 | 72.1 | 72.1 | 72.1 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 73.0 | 73.3 |
| >=18000 | 45.1 | 67.0 | 69.0 | 70.6 | 71.8 | 71.9 | 72.4 | 72.5 | 72.5 | 72.5 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.4 | 73.7 |
| >=16000 | 45.2 | 67.1 | 69.2 | 70.7 | 72.0 | 72.1 | 72.5 | 72.6 | 72.6 | 72.6 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.6 | 73.8 |
| >=14000 | 45.9 | 68.5 | 70.6 | 72.1 | 73.3 | 73.4 | 73.9 | 74.0 | 74.0 | 74.0 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.9 | 75.2 |
| >=12000 | 47.5 | 70.7 | 72.8 | 74.4 | 75.6 | 75.7 | 76.2 | 76.3 | 76.3 | 76.3 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 77.2 | 77.5 |
| >=10000 | 48.7 | 72.7 | 74.8 | 76.4 | 77.7 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.3 | 79.5 |
| >= 9000 | 49.6 | 74.0 | 76.1 | 77.8 | 79.0 | 79.1 | 79.6 | 79.7 | 79.7 | 79.7 | 80.0 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.6 | 80.9 |
| >= 8000 | 50.6 | 75.8 | 77.9 | 79.5 | 80.8 | 80.9 | 81.3 | 81.4 | 81.4 | 81.4 | 81.7 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.4 | 82.6 |
| >= 7000 | 51.2 | 76.8 | 78.9 | 80.6 | 81.8 | 81.9 | 82.4 | 82.5 | 82.5 | 82.5 | 82.8 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.4 | 83.7 |
| >= 6000 | 51.9 | 78.2 | 80.3 | 82.0 | 83.3 | 83.3 | 83.8 | 83.9 | 83.9 | 83.9 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.8 | 85.1 |
| >= 5000 | 52.5 | 79.8 | 82.1 | 83.7 | 85.1 | 85.2 | 85.6 | 85.8 | 85.8 | 85.8 | 86.1 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.7 | 87.0 |
| >= 4500 | 52.9 | 80.5 | 82.9 | 84.5 | 86.0 | 86.1 | 86.6 | 86.7 | 86.7 | 86.7 | 87.0 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.7 | 87.9 |
| >= 4000 | 53.0 | 81.0 | 83.4 | 85.1 | 86.6 | 86.7 | 87.2 | 87.4 | 87.4 | 87.4 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.3 | 88.6 |
| >= 3500 | 53.3 | 81.6 | 84.1 | 85.8 | 87.4 | 87.5 | 88.0 | 88.2 | 88.2 | 88.2 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 89.1 | 89.4 |
| >= 3000 | 53.5 | 82.1 | 84.8 | 86.6 | 88.2 | 88.3 | 88.8 | 89.0 | 89.0 | 89.0 | 89.3 | 89.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 90.0 | 90.2 |
| >= 2500 | 53.6 | 82.5 | 85.2 | 87.1 | 88.8 | 88.9 | 89.5 | 89.7 | 89.7 | 89.7 | 90.0 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.7 | 91.0 |
| >= 2000 | 53.9 | 83.7 | 86.3 | 88.3 | 90.1 | 90.2 | 90.8 | 91.0 | 91.0 | 91.0 | 91.3 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 92.0 | 92.2 |
| >= 1800 | 54.0 | 84.1 | 86.9 | 88.9 | 90.6 | 90.7 | 91.3 | 91.5 | 91.5 | 91.5 | 91.8 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.5 | 92.8 |
| >= 1500 | 54.0 | 84.7 | 87.6 | 89.7 | 91.4 | 91.5 | 92.1 | 92.3 | 92.3 | 92.3 | 92.6 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.3 | 93.6 |
| >= 1200 | 54.3 | 85.2 | 88.3 | 90.3 | 92.1 | 92.1 | 92.8 | 92.9 | 92.9 | 92.9 | 93.3 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 94.0 | 94.2 |
| >= 1000 | 54.6 | 86.0 | 89.0 | 91.2 | 92.9 | 93.0 | 93.7 | 93.9 | 93.9 | 93.9 | 94.2 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.9 | 95.2 |
| >= 900 | 54.7 | 86.3 | 89.3 | 91.5 | 93.3 | 93.4 | 94.1 | 94.3 | 94.3 | 94.3 | 94.6 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.3 | 95.6 |
| >= 800 | 54.7 | 86.5 | 89.5 | 91.8 | 93.7 | 93.8 | 94.5 | 94.7 | 94.7 | 94.7 | 95.0 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.7 | 96.0 |
| >= 700 | 54.7 | 86.7 | 89.8 | 92.1 | 94.1 | 94.2 | 95.1 | 95.2 | 95.2 | 95.2 | 95.6 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.3 | 96.5 |
| >= 600 | 54.7 | 86.7 | 90.0 | 92.5 | 94.6 | 94.8 | 95.7 | 95.9 | 95.9 | 95.9 | 96.2 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.9 | 97.1 |
| >= 500 | 54.8 | 87.1 | 90.3 | 92.8 | 94.9 | 95.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.4 | 97.6 |
| >= 400 | 54.8 | 87.1 | 90.4 | 92.9 | 95.3 | 95.5 | 96.6 | 96.7 | 96.7 | 96.7 | 97.1 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.8 | 98.0 |
| >= 300 | 54.8 | 87.2 | 90.6 | 93.1 | 95.7 | 95.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.4 | 98.7 |
| >= 200 | 54.9 | 87.3 | 90.6 | 93.2 | 95.8 | 96.0 | 97.3 | 97.6 | 97.6 | 97.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 |
| >= 100 | 54.9 | 87.3 | 90.6 | 93.2 | 95.8 | 96.0 | 97.3 | 97.7 | 97.7 | 97.7 | 98.3 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.4 | 99.8 |
| >= 0 | 54.9 | 87.3 | 90.6 | 93.2 | 95.8 | 96.0 | 97.3 | 97.7 | 97.7 | 97.7 | 98.3 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.5 | 100.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 36.7 | 57.4 | 60.2 | 62.3 | 63.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 | 65.3 |
| >=20000 | 38.3 | 60.2 | 63.2 | 65.3 | 66.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 |
| >=18000 | 38.6 | 60.5 | 63.5 | 65.6 | 66.6 | 67.6 | 67.7 | 67.7 | 67.7 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.7 | 68.7 |
| >=16000 | 38.7 | 60.7 | 63.7 | 65.9 | 66.8 | 67.9 | 67.9 | 67.9 | 67.9 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 69.0 | 69.0 |
| >=14000 | 39.5 | 62.3 | 65.3 | 67.5 | 68.4 | 69.4 | 69.5 | 69.5 | 69.5 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.6 | 70.6 |
| >=12000 | 40.1 | 63.4 | 66.6 | 69.0 | 70.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 72.1 | 72.1 |
| >=10000 | 41.0 | 64.9 | 68.2 | 70.6 | 71.6 | 72.6 | 72.7 | 72.7 | 72.7 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 |
| >=9000 | 41.7 | 66.3 | 69.7 | 72.1 | 73.3 | 74.3 | 74.4 | 74.4 | 74.4 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.4 | 75.4 |
| >=8000 | 42.5 | 67.9 | 71.3 | 73.7 | 74.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 |
| >=7000 | 43.1 | 69.0 | 72.7 | 75.2 | 76.3 | 77.4 | 77.5 | 77.5 | 77.5 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6 | 78.6 |
| >=6000 | 43.5 | 69.6 | 73.4 | 75.9 | 77.1 | 78.1 | 78.2 | 78.2 | 78.2 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.4 | 79.4 |
| >=5000 | 43.7 | 70.6 | 74.5 | 77.0 | 78.3 | 79.2 | 79.3 | 79.3 | 79.3 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.5 | 80.5 |
| >=4500 | 44.3 | 71.7 | 75.6 | 78.1 | 79.3 | 80.3 | 80.4 | 80.4 | 80.4 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 |
| >=4000 | 44.6 | 72.4 | 76.3 | 78.8 | 80.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 |
| >=3500 | 44.8 | 72.9 | 76.8 | 79.5 | 80.7 | 81.7 | 81.8 | 81.8 | 81.8 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 83.0 | 83.0 |
| >=3000 | 44.8 | 73.5 | 77.6 | 80.4 | 81.6 | 82.7 | 82.7 | 82.7 | 82.7 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 |
| >=2500 | 44.9 | 74.1 | 78.3 | 81.3 | 82.7 | 83.8 | 83.9 | 83.9 | 83.9 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 85.1 | 85.1 |
| >=2000 | 45.3 | 75.1 | 79.3 | 82.3 | 83.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 | 86.2 |
| >=1800 | 45.3 | 75.3 | 79.6 | 82.7 | 84.1 | 85.4 | 85.5 | 85.5 | 85.5 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.7 | 86.7 |
| >=1500 | 45.8 | 76.0 | 80.3 | 83.6 | 85.0 | 86.3 | 86.3 | 86.3 | 86.3 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 |
| >=1200 | 46.3 | 77.1 | 81.7 | 85.0 | 86.4 | 87.8 | 87.9 | 87.9 | 87.9 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 |
| >=1000 | 46.6 | 77.6 | 82.4 | 85.7 | 87.2 | 88.6 | 88.7 | 88.7 | 88.7 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 |
| >=900 | 46.8 | 78.5 | 83.3 | 86.7 | 88.2 | 89.6 | 89.7 | 89.7 | 89.7 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 |
| >=800 | 47.0 | 79.1 | 83.9 | 87.3 | 88.9 | 90.1 | 90.4 | 90.6 | 90.6 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9 | 91.9 |
| >=700 | 47.0 | 79.2 | 84.0 | 87.5 | 89.2 | 90.7 | 90.9 | 90.9 | 90.9 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 | 92.2 |
| >=600 | 47.1 | 79.6 | 84.5 | 88.1 | 89.8 | 91.3 | 91.5 | 91.5 | 91.5 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.9 | 92.9 |
| >=500 | 47.1 | 79.9 | 84.8 | 88.5 | 90.4 | 92.1 | 92.2 | 92.2 | 92.2 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 |
| >=400 | 47.1 | 80.3 | 85.2 | 89.1 | 91.1 | 92.9 | 93.1 | 93.1 | 93.1 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 |
| >=300 | 47.1 | 80.5 | 85.5 | 89.5 | 91.6 | 93.6 | 93.8 | 93.8 | 93.8 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 |
| >=200 | 47.1 | 80.5 | 85.6 | 89.8 | 91.8 | 94.0 | 94.2 | 94.2 | 94.2 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 |
| >=100 | 47.1 | 80.5 | 85.6 | 89.8 | 91.8 | 94.0 | 94.3 | 94.3 | 94.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.6 | 96.6 |
| >=0 | 47.1 | 80.5 | 85.6 | 89.8 | 91.8 | 94.0 | 94.3 | 94.3 | 94.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 35.8 | 51.7 | 55.3 | 57.7 | 58.3 | 58.5 | 59.4 | 59.8 | 59.8 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.9 | 60.9 | 61.0 | 61.3 |
| >=20000 | 38.3 | 56.0 | 59.8 | 62.3 | 63.3 | 63.4 | 64.4 | 64.8 | 64.8 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 66.1 | 66.1 | 66.3 | 66.7 |
| >=18000 | 38.7 | 56.4 | 60.2 | 62.8 | 63.7 | 63.9 | 64.8 | 65.3 | 65.3 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.6 | 66.6 | 66.8 | 67.2 |
| >=16000 | 38.7 | 56.5 | 60.4 | 63.1 | 64.0 | 64.2 | 65.2 | 65.7 | 65.7 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 67.0 | 67.0 | 67.2 | 67.6 |
| >=14000 | 40.1 | 58.8 | 62.9 | 65.6 | 66.6 | 66.7 | 67.8 | 68.3 | 68.3 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.5 | 69.5 | 69.8 | 70.2 |
| >=12000 | 41.0 | 60.5 | 64.8 | 67.7 | 68.9 | 69.1 | 70.2 | 70.7 | 70.7 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 72.0 | 72.0 | 72.2 | 72.7 |
| >=10000 | 41.6 | 61.7 | 66.1 | 69.0 | 70.4 | 70.6 | 71.7 | 72.2 | 72.2 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 73.5 | 73.5 | 73.8 | 74.3 |
| >= 9000 | 42.1 | 62.5 | 67.0 | 69.9 | 71.3 | 71.6 | 72.7 | 73.2 | 73.2 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 74.4 | 74.4 | 74.8 | 75.2 |
| >= 8000 | 42.5 | 63.7 | 68.3 | 71.3 | 72.7 | 73.0 | 74.2 | 74.7 | 74.7 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 76.0 | 76.0 | 76.3 | 76.8 |
| >= 7000 | 42.9 | 65.0 | 69.6 | 72.9 | 74.3 | 74.6 | 75.8 | 76.3 | 76.3 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.6 | 77.6 | 77.9 | 78.4 |
| >= 6000 | 43.2 | 65.5 | 70.7 | 73.8 | 75.2 | 75.5 | 76.7 | 77.2 | 77.2 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 78.6 | 78.6 | 79.0 | 79.4 |
| >= 5000 | 43.4 | 66.4 | 71.7 | 74.9 | 76.3 | 76.6 | 77.9 | 78.3 | 78.3 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.7 | 79.8 | 80.1 | 80.6 |
| >= 4500 | 43.6 | 67.1 | 72.4 | 75.6 | 77.0 | 77.3 | 78.6 | 79.0 | 79.0 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 80.4 | 80.5 | 80.8 | 81.3 |
| >= 4000 | 43.9 | 67.7 | 73.0 | 76.3 | 77.6 | 77.9 | 79.2 | 79.7 | 79.7 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 81.0 | 81.1 | 81.4 | 81.9 |
| >= 3500 | 44.0 | 68.2 | 73.6 | 76.8 | 78.2 | 78.5 | 79.8 | 80.2 | 80.2 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.6 | 81.7 | 82.0 | 82.5 |
| >= 3000 | 44.4 | 68.8 | 74.4 | 77.7 | 79.1 | 79.4 | 80.8 | 81.3 | 81.3 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.6 | 82.7 | 83.0 | 83.5 |
| >= 2500 | 44.7 | 69.7 | 75.4 | 78.7 | 80.2 | 80.5 | 81.8 | 82.4 | 82.4 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.8 | 83.9 | 84.2 | 84.7 |
| >= 2000 | 44.9 | 70.6 | 76.5 | 80.0 | 81.4 | 81.9 | 83.2 | 83.9 | 83.9 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 85.3 | 85.4 | 85.7 | 86.2 |
| >= 1800 | 45.1 | 71.1 | 77.1 | 80.7 | 82.1 | 82.6 | 84.0 | 84.6 | 84.6 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 86.0 | 86.1 | 86.4 | 86.9 |
| >= 1500 | 45.5 | 72.0 | 78.1 | 81.8 | 83.4 | 83.9 | 85.4 | 86.0 | 86.0 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 87.4 | 87.5 | 87.8 | 88.3 |
| >= 1200 | 45.9 | 73.1 | 79.3 | 83.0 | 84.7 | 85.2 | 86.7 | 87.2 | 87.2 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.7 | 88.7 | 89.0 | 89.5 |
| >= 1000 | 46.3 | 74.1 | 80.4 | 84.4 | 86.0 | 86.6 | 88.1 | 88.7 | 88.7 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 90.2 | 90.5 | 91.0 |
| >= 900 | 46.7 | 74.6 | 80.9 | 84.8 | 86.6 | 87.1 | 88.7 | 89.2 | 89.2 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.7 | 90.8 | 91.1 | 91.6 |
| >= 800 | 46.9 | 75.3 | 81.7 | 85.6 | 87.5 | 88.0 | 89.6 | 90.2 | 90.2 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.7 | 91.7 | 92.1 | 92.5 |
| >= 700 | 47.1 | 75.8 | 82.2 | 86.3 | 88.3 | 88.8 | 90.5 | 91.0 | 91.0 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 92.5 | 92.6 | 92.9 | 93.4 |
| >= 600 | 47.1 | 76.1 | 82.5 | 86.7 | 88.6 | 89.4 | 91.1 | 91.7 | 91.7 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 93.3 | 93.3 | 93.7 | 94.1 |
| >= 500 | 47.1 | 76.5 | 82.9 | 87.1 | 89.4 | 90.0 | 92.0 | 92.5 | 92.5 | 93.2 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 | 94.3 | 94.6 | 95.1 |
| >= 400 | 47.1 | 76.6 | 83.0 | 87.1 | 89.5 | 90.2 | 92.6 | 93.3 | 93.3 | 94.1 | 94.5 | 94.5 | 94.5 | 94.5 | 95.2 | 95.2 | 95.6 | 96.0 |
| >= 300 | 47.1 | 76.7 | 83.1 | 87.5 | 90.2 | 91.0 | 93.7 | 94.4 | 94.4 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.6 | 96.7 | 97.1 | 97.6 |
| >= 200 | 47.1 | 76.7 | 83.1 | 87.5 | 90.2 | 91.0 | 93.7 | 94.5 | 94.5 | 95.7 | 96.3 | 96.3 | 96.3 | 96.3 | 96.9 | 97.1 | 97.8 | 98.7 |
| >= 100 | 47.1 | 76.7 | 83.1 | 87.5 | 90.2 | 91.0 | 93.7 | 94.8 | 94.8 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 97.5 | 97.9 | 98.7 | 99.8 |
| >= 0 | 47.1 | 76.7 | 83.1 | 87.5 | 90.2 | 91.0 | 93.7 | 94.8 | 94.8 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 97.5 | 97.9 | 98.8 | 100.0 |

TOTAL NO. OF OBS : 1260

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| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | 3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 49.8 | 59.3 | 59.9 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| >=20000 | 53.6 | 64.8 | 65.5 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| >=18000 | 53.7 | 65.0 | 65.6 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=16000 | 53.9 | 65.2 | 65.9 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| >=14000 | 54.5 | 66.3 | 66.9 | 67.1 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| >=12000 | 56.0 | 68.2 | 68.9 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| >=10000 | 57.7 | 70.3 | 71.2 | 71.4 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| >= 9000 | 58.0 | 70.9 | 71.7 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| >= 8000 | 58.6 | 71.7 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >= 7000 | 59.6 | 73.1 | 74.2 | 74.7 | 74.9 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| >= 6000 | 60.3 | 74.4 | 75.6 | 76.1 | 76.3 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| >= 5000 | 60.8 | 75.2 | 76.5 | 77.1 | 77.4 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| >= 4500 | 61.0 | 75.5 | 76.8 | 77.5 | 77.8 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| >= 4000 | 62.1 | 76.8 | 78.3 | 79.0 | 79.3 | 79.3 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| >= 3500 | 63.0 | 77.9 | 79.3 | 80.0 | 80.3 | 80.3 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| >= 3000 | 64.8 | 80.2 | 81.7 | 82.4 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| >= 2500 | 66.7 | 82.7 | 84.2 | 84.9 | 85.4 | 85.4 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| >= 2000 | 68.7 | 85.8 | 87.4 | 88.1 | 88.8 | 88.8 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >= 1800 | 69.1 | 86.5 | 88.1 | 88.8 | 89.5 | 89.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| >= 1500 | 70.3 | 88.3 | 90.0 | 90.9 | 91.7 | 91.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| >= 1200 | 71.0 | 90.0 | 91.9 | 92.9 | 93.8 | 93.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| >= 1000 | 71.1 | 90.7 | 92.8 | 93.8 | 94.8 | 94.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| >= 900 | 71.2 | 91.0 | 93.3 | 94.4 | 95.3 | 95.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| >= 800 | 71.2 | 91.2 | 93.5 | 94.7 | 95.7 | 95.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| >= 700 | 71.3 | 91.7 | 94.0 | 95.3 | 96.6 | 96.6 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >= 600 | 71.3 | 91.7 | 94.1 | 95.5 | 96.7 | 96.7 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >= 500 | 71.3 | 91.7 | 94.2 | 95.7 | 97.1 | 97.1 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >= 400 | 71.4 | 91.9 | 94.4 | 96.0 | 97.4 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 300 | 71.4 | 91.9 | 94.4 | 96.0 | 97.4 | 97.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >= 200 | 71.4 | 91.9 | 94.4 | 96.0 | 97.4 | 97.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| >= 100 | 71.4 | 91.9 | 94.4 | 96.0 | 97.4 | 97.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| >= 0 | 71.4 | 91.9 | 94.4 | 96.0 | 97.4 | 97.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 D2W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|------|------|-------|-------|-------|--------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 |
| UNLIMIT | 50.7 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| >=20000 | 55.3 | 64.4 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| >=18000 | 55.5 | 64.6 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| >=16000 | 55.6 | 64.7 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| >=14000 | 56.3 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=12000 | 57.5 | 67.3 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| >=10000 | 58.6 | 68.7 | 69.1 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| >=9000 | 58.8 | 69.5 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| >=8000 | 59.5 | 70.9 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| >=7000 | 60.2 | 71.8 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| >=6000 | 60.7 | 73.0 | 73.7 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| >=5000 | 62.7 | 75.3 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| >=4500 | 63.7 | 76.3 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| >=4000 | 65.6 | 78.3 | 78.9 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| >=3500 | 68.1 | 81.3 | 82.0 | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| >=3000 | 71.3 | 85.4 | 86.3 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=2500 | 73.0 | 87.9 | 88.8 | 89.0 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| >=2000 | 75.2 | 91.3 | 92.2 | 92.5 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| >=1800 | 75.4 | 91.7 | 92.7 | 93.1 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| >=1500 | 75.9 | 92.9 | 93.9 | 94.4 | 95.2 | 95.2 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| >=1200 | 76.0 | 93.4 | 94.7 | 95.3 | 96.2 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| >=1000 | 76.1 | 94.0 | 95.2 | 96.0 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=900 | 76.3 | 94.4 | 95.8 | 96.6 | 97.5 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=800 | 76.4 | 94.7 | 96.1 | 97.1 | 98.1 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >=700 | 76.4 | 94.8 | 96.3 | 97.2 | 98.3 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=600 | 76.4 | 94.8 | 96.3 | 97.3 | 98.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=500 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=300 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=200 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=100 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=0 | 76.4 | 94.8 | 96.3 | 97.4 | 98.6 | 98.8 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 51.9 | 62.5 | 63.6 | 63.9 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| >=20000 | 57.3 | 69.7 | 70.8 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| >=18000 | 57.6 | 70.0 | 71.2 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| >=16000 | 57.8 | 70.2 | 71.4 | 71.7 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=14000 | 58.9 | 71.4 | 72.6 | 72.9 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| >=12000 | 60.1 | 73.2 | 74.3 | 74.7 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| >=10000 | 61.2 | 74.8 | 76.2 | 76.5 | 76.7 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| >= 9000 | 61.8 | 76.2 | 77.5 | 77.8 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| >= 8000 | 62.9 | 77.5 | 79.1 | 79.4 | 79.7 | 79.7 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| >= 7000 | 63.9 | 78.9 | 80.5 | 80.9 | 81.1 | 81.2 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| >= 6000 | 64.6 | 80.1 | 81.8 | 82.2 | 82.4 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| >= 5000 | 66.2 | 81.7 | 83.4 | 83.9 | 84.2 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| >= 4500 | 67.0 | 82.7 | 84.4 | 84.8 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| >= 4000 | 67.6 | 83.7 | 85.5 | 85.9 | 86.4 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| >= 3500 | 68.6 | 85.2 | 87.1 | 87.6 | 88.1 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| >= 3000 | 69.9 | 87.1 | 89.1 | 89.6 | 90.2 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >= 2500 | 70.7 | 88.3 | 90.4 | 90.9 | 91.5 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| >= 2000 | 71.3 | 90.1 | 92.2 | 92.7 | 93.3 | 93.5 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| >= 1800 | 71.6 | 90.5 | 92.6 | 93.1 | 93.7 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| >= 1500 | 72.0 | 91.5 | 93.8 | 94.3 | 95.0 | 95.2 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| >= 1200 | 72.3 | 92.1 | 94.4 | 95.1 | 95.9 | 96.3 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| >= 1000 | 72.3 | 92.4 | 94.8 | 95.6 | 96.6 | 96.9 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >= 900 | 72.4 | 92.7 | 95.2 | 96.0 | 97.1 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| >= 800 | 72.5 | 92.9 | 95.6 | 96.3 | 97.5 | 97.8 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >= 700 | 72.5 | 92.9 | 95.6 | 96.4 | 97.7 | 98.0 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| >= 600 | 72.5 | 92.7 | 95.6 | 96.4 | 97.7 | 98.0 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 500 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >= 400 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 300 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 200 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 100 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 0 | 72.5 | 92.9 | 95.6 | 96.5 | 98.1 | 98.4 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | >=0 |
| UNLIMIT | 52.1 | 64.9 | 66.1 | 66.8 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| >=20000 | 57.3 | 72.4 | 73.6 | 74.3 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| >=18000 | 57.6 | 72.8 | 74.0 | 74.7 | 75.2 | 75.2 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| >=16000 | 58.2 | 73.5 | 74.7 | 75.4 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| >=14000 | 59.1 | 74.5 | 75.8 | 76.5 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| >=12000 | 60.4 | 76.3 | 77.7 | 78.5 | 79.0 | 79.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| >=10000 | 61.2 | 78.0 | 79.4 | 80.2 | 81.0 | 81.0 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| >=9000 | 61.7 | 79.3 | 80.9 | 81.7 | 82.4 | 82.5 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| >=8000 | 62.2 | 80.5 | 82.1 | 82.9 | 83.7 | 83.7 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >=7000 | 62.7 | 81.5 | 83.2 | 84.0 | 84.8 | 84.9 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| >=6000 | 63.2 | 82.1 | 83.7 | 84.6 | 85.4 | 85.5 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| >=5000 | 63.7 | 82.9 | 84.6 | 85.5 | 86.3 | 86.4 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| >=4500 | 64.0 | 83.8 | 85.5 | 86.4 | 87.3 | 87.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| >=4000 | 64.4 | 84.4 | 86.2 | 87.1 | 88.1 | 88.3 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| >=3500 | 64.9 | 85.1 | 87.0 | 87.9 | 89.0 | 89.1 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >=3000 | 65.3 | 85.8 | 87.8 | 88.7 | 89.8 | 89.9 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=2500 | 65.6 | 86.7 | 88.8 | 89.8 | 91.0 | 91.2 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| >=2000 | 66.4 | 87.6 | 89.8 | 91.0 | 92.3 | 92.5 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| >=1800 | 66.5 | 87.9 | 90.2 | 91.5 | 92.8 | 93.0 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| >=1500 | 66.9 | 88.6 | 91.0 | 92.2 | 93.7 | 93.9 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| >=1200 | 67.0 | 89.0 | 91.3 | 92.6 | 94.1 | 94.4 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=1000 | 67.1 | 89.4 | 91.8 | 93.3 | 94.8 | 95.1 | 95.8 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| >=900 | 67.4 | 89.9 | 92.5 | 94.1 | 95.6 | 95.9 | 96.7 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| >=800 | 67.5 | 90.2 | 92.8 | 94.4 | 96.0 | 96.3 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=700 | 67.6 | 90.5 | 93.0 | 94.7 | 96.4 | 96.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=600 | 67.6 | 90.6 | 93.2 | 94.8 | 96.7 | 97.1 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=500 | 67.6 | 90.7 | 93.3 | 95.1 | 96.9 | 97.3 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=400 | 67.6 | 90.7 | 93.3 | 95.1 | 96.9 | 97.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| >=300 | 67.7 | 90.8 | 93.4 | 95.2 | 97.1 | 97.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=200 | 67.7 | 90.8 | 93.4 | 95.2 | 97.1 | 97.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=100 | 67.7 | 90.8 | 93.4 | 95.2 | 97.1 | 97.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=0 | 67.7 | 90.8 | 93.4 | 95.2 | 97.1 | 97.5 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 49.7 | 66.1 | 67.7 | 69.0 | 69.3 | 69.3 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=20000 | 53.1 | 71.5 | 73.2 | 74.6 | 74.9 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| >=18000 | 53.3 | 71.9 | 73.7 | 75.1 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| >=16000 | 53.9 | 72.5 | 74.4 | 75.8 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| >=14000 | 54.5 | 73.4 | 75.3 | 76.7 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| >=12000 | 56.2 | 75.6 | 77.7 | 79.1 | 79.4 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| >=10000 | 56.7 | 77.1 | 79.2 | 80.6 | 81.0 | 81.0 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| >= 9000 | 57.2 | 78.2 | 80.3 | 81.7 | 82.1 | 82.1 | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| >= 8000 | 57.8 | 79.4 | 81.7 | 83.3 | 83.7 | 83.7 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| >= 7000 | 58.3 | 80.4 | 82.7 | 84.4 | 84.8 | 84.8 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| >= 6000 | 59.0 | 81.5 | 83.9 | 85.7 | 86.3 | 86.3 | 86.4 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| >= 5000 | 59.4 | 82.4 | 84.8 | 86.7 | 87.2 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| >= 4500 | 59.6 | 83.1 | 85.6 | 87.4 | 87.9 | 87.9 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| >= 4000 | 59.8 | 83.6 | 86.0 | 87.9 | 88.5 | 88.5 | 88.7 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| >= 3500 | 59.9 | 84.2 | 86.7 | 88.7 | 89.2 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >= 3000 | 60.2 | 85.0 | 87.8 | 89.8 | 90.4 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| >= 2500 | 60.6 | 85.6 | 88.5 | 90.6 | 91.1 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| >= 2000 | 60.9 | 86.2 | 89.3 | 91.3 | 91.9 | 91.9 | 92.2 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| >= 1800 | 61.0 | 86.3 | 89.4 | 91.6 | 92.1 | 92.1 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| >= 1500 | 61.2 | 87.1 | 90.2 | 92.4 | 93.1 | 93.1 | 93.4 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| >= 1200 | 61.3 | 87.6 | 91.0 | 93.2 | 94.0 | 94.0 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| >= 1000 | 61.4 | 88.0 | 91.6 | 93.8 | 94.8 | 94.8 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| >= 900 | 61.5 | 88.1 | 91.7 | 94.0 | 95.0 | 95.0 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| >= 800 | 61.6 | 88.4 | 92.0 | 94.4 | 95.5 | 95.5 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| >= 700 | 61.7 | 88.6 | 92.2 | 95.0 | 96.0 | 96.0 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >= 600 | 61.7 | 89.0 | 92.7 | 95.6 | 96.8 | 96.8 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| >= 500 | 61.7 | 89.1 | 92.9 | 96.0 | 97.1 | 97.1 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >= 400 | 61.7 | 89.3 | 93.1 | 96.3 | 97.5 | 97.5 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 300 | 61.7 | 89.3 | 93.1 | 96.4 | 97.7 | 97.7 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 200 | 61.7 | 89.3 | 93.1 | 96.4 | 97.7 | 97.7 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >= 100 | 61.7 | 89.3 | 93.1 | 96.4 | 97.7 | 97.7 | 98.9 | 99.2 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >= 0 | 61.7 | 89.3 | 93.1 | 96.4 | 97.7 | 97.7 | 98.9 | 99.2 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 46.2 | 60.4 | 62.1 | 63.1 | 63.6 | 63.7 | 64.0 | 64.1 | 64.1 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.6 | 64.8 |
| >=20000 | 49.8 | 65.7 | 67.4 | 68.5 | 69.1 | 69.1 | 69.5 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.3 |
| >=18000 | 50.0 | 66.0 | 67.8 | 68.9 | 69.4 | 69.5 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.5 | 70.6 |
| >=16000 | 50.2 | 66.3 | 68.1 | 69.2 | 69.7 | 69.8 | 70.2 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 | 70.7 | 70.7 | 70.9 | 71.0 |
| >=14000 | 51.1 | 67.6 | 69.4 | 70.5 | 71.1 | 71.1 | 71.5 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.2 | 72.3 |
| >=12000 | 52.4 | 69.4 | 71.3 | 72.5 | 73.1 | 73.2 | 73.6 | 73.7 | 73.7 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.2 | 74.4 |
| >=10000 | 53.3 | 71.0 | 73.0 | 74.2 | 74.9 | 75.0 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 76.1 | 76.2 |
| >=9000 | 53.9 | 72.1 | 74.1 | 75.4 | 76.0 | 76.1 | 76.5 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.2 | 77.4 |
| >=8000 | 54.6 | 73.4 | 75.6 | 76.9 | 77.5 | 77.6 | 78.1 | 78.2 | 78.2 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.8 | 78.9 |
| >=7000 | 55.2 | 74.6 | 76.8 | 78.1 | 78.8 | 78.9 | 79.4 | 79.5 | 79.5 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 80.1 | 80.3 |
| >=6000 | 55.8 | 75.5 | 77.9 | 79.3 | 80.0 | 80.1 | 80.5 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 |
| >=5000 | 56.6 | 76.8 | 79.2 | 80.6 | 81.3 | 81.4 | 81.9 | 82.0 | 82.0 | 82.3 | 82.3 | 82.3 | 82.4 | 82.5 | 82.7 | 82.8 |
| >=4500 | 57.0 | 77.6 | 80.0 | 81.4 | 82.2 | 82.3 | 82.8 | 82.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.5 | 83.7 |
| >=4000 | 57.6 | 78.5 | 80.9 | 82.4 | 83.2 | 83.3 | 83.8 | 83.9 | 84.0 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.6 | 84.8 |
| >=3500 | 58.4 | 79.5 | 82.1 | 83.5 | 84.4 | 84.5 | 85.0 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.8 | 86.0 |
| >=3000 | 59.3 | 81.0 | 83.7 | 85.2 | 86.1 | 86.2 | 86.8 | 86.9 | 86.9 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.6 | 87.7 |
| >=2500 | 60.0 | 82.2 | 85.0 | 86.6 | 87.5 | 87.6 | 88.2 | 88.4 | 88.4 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 | 89.1 | 89.2 |
| >=2000 | 60.8 | 83.8 | 86.6 | 88.3 | 89.3 | 89.5 | 90.2 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 91.0 | 91.1 |
| >=1800 | 61.0 | 84.2 | 87.1 | 88.8 | 89.9 | 90.0 | 90.7 | 90.9 | 90.9 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.6 | 91.7 |
| >=1500 | 61.4 | 85.1 | 88.1 | 89.9 | 91.1 | 91.2 | 91.9 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 93.0 |
| >=1200 | 61.7 | 85.9 | 89.1 | 90.9 | 92.2 | 92.4 | 93.1 | 93.2 | 93.3 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 | 94.0 | 94.1 |
| >=1000 | 62.0 | 86.5 | 89.8 | 91.7 | 93.0 | 93.3 | 94.0 | 94.2 | 94.2 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 95.0 | 95.1 |
| >=900 | 62.1 | 86.9 | 90.2 | 92.3 | 93.6 | 93.8 | 94.6 | 94.8 | 94.9 | 95.1 | 95.2 | 95.2 | 95.3 | 95.4 | 95.6 | 95.7 |
| >=800 | 62.2 | 87.3 | 90.6 | 92.7 | 94.1 | 94.4 | 95.3 | 95.4 | 95.4 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.2 | 96.4 |
| >=700 | 62.3 | 87.5 | 90.9 | 93.1 | 94.6 | 94.9 | 95.8 | 96.0 | 96.0 | 96.3 | 96.4 | 96.4 | 96.6 | 96.6 | 96.8 | 96.9 |
| >=600 | 62.3 | 87.7 | 91.1 | 93.4 | 94.9 | 95.2 | 96.3 | 96.5 | 96.5 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.5 |
| >=500 | 62.3 | 87.9 | 91.3 | 93.6 | 95.3 | 95.6 | 96.8 | 97.0 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.9 | 98.0 |
| >=400 | 62.3 | 88.0 | 91.4 | 93.8 | 95.6 | 95.9 | 97.2 | 97.4 | 97.5 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.4 | 98.5 |
| >=300 | 62.3 | 88.0 | 91.5 | 94.0 | 95.8 | 96.1 | 97.4 | 97.9 | 97.9 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.9 | 99.0 |
| >=200 | 62.4 | 88.0 | 91.5 | 94.0 | 95.8 | 96.2 | 97.6 | 98.0 | 98.0 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 |
| >=100 | 62.4 | 88.0 | 91.5 | 94.0 | 95.8 | 96.2 | 97.7 | 98.0 | 98.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.2 | 99.5 | 99.8 |
| >=0 | 62.4 | 88.0 | 91.5 | 94.0 | 95.8 | 96.2 | 97.7 | 98.0 | 98.1 | 98.7 | 98.9 | 98.9 | 99.1 | 99.2 | 99.6 | 100.0 |

TOTAL NO. OF OPS : 10079

1 - (REFUGEE AREA)

41380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL | | MEAN | |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >=56 | % | WIND | SPEED |
| N | 1.2 | 2.8 | 1.4 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 6.1 | |
| NNE | 1.1 | 2.4 | 1.6 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.1 | |
| NE | 1.1 | 3.0 | 1.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 5.9 | |
| ENE | .6 | 1.6 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.7 | |
| E | .3 | 1.7 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 6.0 | |
| ESE | .7 | 1.2 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.2 | |
| SE | 1.0 | 2.4 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.1 | |
| SSE | .8 | 2.4 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 5.8 | |
| S | 2.4 | 6.6 | 4.1 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.3 | 6.2 | |
| SSW | 1.1 | 5.2 | 3.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.0 | 6.4 | |
| SW | 1.2 | 3.5 | 4.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 6.7 | |
| WSW | .5 | 1.6 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 6.5 | |
| W | .7 | 1.4 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 6.1 | |
| WNW | .5 | .4 | .8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.1 | |
| NW | .5 | 1.0 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.2 | |
| NNW | .3 | 1.5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 6.0 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.8 | .0 | |
| ALL | 13.8 | 38.9 | 26.8 | 5.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.2 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WIND

13880 : CHARLESTON, SC
 PERIOD OF RECOR : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. Dir. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | |
| N | 1.5 | | | 4.3 | | | 1.8 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | 6.0 |
| NNE | 1.2 | | | 3.8 | | | 2.2 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 6.4 |
| NE | 1.1 | | | 2.2 | | | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 6.3 |
| ENE | .7 | | | 1.5 | | | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 5.7 |
| E | .7 | | | .6 | | | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 4.9 |
| ESE | .5 | | | 1.2 | | | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.8 |
| SE | .4 | | | 1.7 | | | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 4.8 |
| SSE | .7 | | | 2.0 | | | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.7 |
| S | 1.6 | | | 3.6 | | | 2.7 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 6.1 |
| SSW | 1.2 | | | 4.5 | | | 2.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 6.1 |
| SW | 1.1 | | | 3.8 | | | 2.1 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.8 | 6.6 |
| WSW | .6 | | | 2.8 | | | 2.6 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.9 |
| W | .5 | | | 2.1 | | | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 6.8 |
| WNW | 1.2 | | | 1.8 | | | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 5.1 |
| NW | 1.0 | | | 1.8 | | | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 5.3 |
| NNW | 1.3 | | | 2.2 | | | 1.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 5.2 |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.2 | .0 |
| ALL | 15.2 | | | 39.9 | | | 24.5 | 5.6 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.2 |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | 1.7 | 3.2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 8.7 | 6.5 |
| NNE | .8 | 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 9.2 | 7.8 |
| NE | .9 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 8.4 | 7.1 |
| NNE | .6 | 2.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 4.8 | 6.7 |
| E | .9 | .9 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | .7 | 2.8 | 5.7 |
| ESE | .3 | .9 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | 1.9 | 5.6 |
| SE | .2 | .9 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | 1.8 | 6.9 |
| SSE | .5 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | 1.8 | 5.8 |
| S | .8 | 2.8 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 6.4 | 6.6 |
| SSW | .8 | 2.8 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 7.4 | 7.3 |
| SW | .8 | 2.7 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 8.7 | 7.4 |
| WSW | .5 | 2.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 9.8 | 7.8 |
| W | .6 | 2.5 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 7.8 | 7.2 |
| WNW | .3 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.8 | 7.1 |
| NW | .5 | 1.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 3.5 | 6.3 |
| NNW | .6 | 2.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 5.0 | 5.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | .0 |
| ALL | 10.8 | 34.1 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 100.0 | 6.4 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| | | | | | | | | | | | | % | MEAN WIND SPEED |
| N | .5 | 1.8 | 2.9 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 8.6 |
| NNE | .4 | 1.4 | 3.8 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 9.0 |
| NE | .2 | 1.2 | 3.5 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 8.8 |
| ENE | .4 | 1.5 | 2.2 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.5 |
| E | .2 | 1.2 | 1.4 | 1.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.1 |
| ESE | .2 | 1.0 | 1.7 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.4 |
| SE | .2 | .5 | 1.8 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 8.9 |
| SSE | .3 | .6 | 1.6 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 8.4 |
| S | .6 | 1.2 | 3.5 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 9.2 |
| SSW | .8 | 1.7 | 2.7 | 1.9 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 7.5 | 9.1 |
| SW | .1 | 1.9 | 4.2 | 2.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.3 | 9.3 |
| WSW | .2 | 1.8 | 4.6 | 2.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.2 | 9.1 |
| W | .4 | 1.1 | 4.2 | 2.2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 8.2 | 9.5 |
| WNW | .0 | 1.4 | 2.2 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 5.0 | 9.3 |
| NW | .5 | 1.5 | 2.0 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.7 |
| NNW | .6 | .9 | 1.2 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 3.7 | 8.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | .0 |
| ALL | 5.5 | 20.6 | 44.2 | 25.3 | 2.1 | .5 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.8 |

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | .1 | 1.5 | 2.6 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 9.1 | |
| NNE | .2 | 1.2 | 2.1 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.8 | |
| NE | .5 | .7 | 1.5 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.8 | |
| ENE | .2 | .8 | 1.3 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 9.4 | |
| E | .2 | .7 | 2.5 | 2.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 10.1 | |
| ESE | .5 | 1.0 | 2.6 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.8 | |
| SE | .2 | .8 | 3.5 | 2.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 10.1 | |
| SSE | .1 | 1.0 | 3.4 | 2.9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.7 | 10.2 | |
| S | .3 | 1.4 | 4.5 | 3.9 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 10.7 | 10.2 | |
| SSW | .5 | 1.5 | 3.8 | 3.3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 9.6 | 10.1 | |
| SW | .2 | .8 | 3.5 | 2.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.7 | |
| WSW | .2 | 1.6 | 2.5 | 2.9 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 7.7 | 10.1 | |
| W | .1 | 1.2 | 3.5 | 2.8 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | 8.3 | 10.7 | |
| WNW | .2 | .8 | 1.9 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 8.9 | |
| NW | .2 | .9 | 2.3 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.0 | |
| NNW | .2 | .5 | 1.7 | 1.4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 9.1 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .0 | |
| ALL | 3.5 | 16.4 | 43.1 | 32.6 | 3.7 | .4 | .0 | .0 | .0 | .0 | .0 | 100.0 | 9.7 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | .2 | .8 | 1.9 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 9.6 |
| NNE | .1 | .7 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 8.3 |
| NE | .2 | .4 | 1.5 | .7 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 2.8 | 9.6 |
| ENE | .1 | .5 | 1.3 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 9.9 |
| E | .2 | .7 | 1.9 | 2.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 10.5 |
| ESE | .2 | .4 | 3.5 | 3.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 10.5 |
| SE | .3 | 1.1 | 7.7 | 4.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 10.2 |
| SSE | .3 | 1.1 | 4.2 | 4.6 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 10.7 | 10.3 |
| S | .1 | 1.2 | 7.1 | 10.1 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | 19.2 | 11.2 |
| SSW | .1 | .8 | 7.6 | 5.1 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 10.2 | 11.0 |
| SW | .1 | .3 | 2.2 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 10.7 |
| WSW | .2 | .3 | 1.2 | 1.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 10.4 |
| W | .0 | .2 | 1.7 | 2.1 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | 4.7 | 12.2 |
| WNW | .0 | .5 | 1.3 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 10.5 |
| NW | .1 | .6 | 1.4 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.9 |
| NNW | .1 | .5 | 1.6 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 9.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .0 |
| ALL | 2.2 | 10.1 | 39.7 | 44.0 | 3.2 | .4 | .0 | .0 | .0 | .0 | .0 | 100.0 | 10.4 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

C13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | | | TOTAL | MEAN WIND SPEED |
|-------------|-----|------|------|------|----|----|------|-------|-------|---------------|-------|-------|-------|-------|-----|----|-------|-----------------|
| | | | | | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | |
| N | .4 | 1.1 | 1.4 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.6 |
| NNE | .0 | 1.2 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 6.5 |
| NE | .0 | 1.1 | 1.2 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 8.8 |
| ENE | .4 | .8 | 1.7 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.7 |
| E | .6 | 1.2 | 3.7 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 8.3 |
| ESE | .8 | 1.8 | 4.2 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 7.3 |
| SE | 1.5 | 3.2 | 4.5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.5 | 6.5 |
| SSE | .8 | 5.5 | 5.0 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.5 | 6.9 |
| S | .7 | 4.7 | 16.2 | 3.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 25.2 | 8.3 |
| SSW | .4 | 2.3 | 6.9 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.4 | 8.3 |
| SW | .4 | .8 | 2.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 8.1 |
| WSW | .2 | 1.0 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.3 |
| W | .1 | .8 | 1.3 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 8.5 |
| WNW | .0 | .3 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 8.2 |
| NW | .2 | .3 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 7.1 |
| NNW | .2 | .3 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 6.6 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | .0 |
| ALL | 6.6 | 26.4 | 52.2 | 13.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.6 |

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|---------|-----------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | .7 | 1.2 | 1.4 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.2 |
| NNE | .3 | 1.3 | 1.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 7.2 |
| NE | .6 | 2.2 | 1.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 6.7 |
| ENE | .3 | 2.2 | 1.8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.4 |
| E | .5 | 2.3 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.3 |
| ESE | .8 | 2.4 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 5.5 |
| SE | 1.1 | 3.2 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 5.5 |
| SSE | 2.1 | 5.3 | 1.9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | 5.4 |
| S | 2.7 | 9.0 | 6.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 18.7 | 6.1 |
| SSW | 1.8 | 5.6 | 5.3 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.8 | 6.7 |
| SW | .8 | 2.9 | 3.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 6.6 |
| WSW | .3 | .9 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.6 |
| W | .2 | 1.4 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.5 |
| WNW | .4 | .7 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.6 |
| NW | .2 | .4 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 7.7 |
| NNW | .2 | .6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 6.3 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 12.8 | 41.6 | 30.1 | 5.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | 5.7 |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | .8 | 2.1 | 2.2 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 7.4 |
| NNE | .5 | 1.9 | 2.0 | .7 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.3 | 7.6 |
| NE | .6 | 1.7 | 2.1 | .7 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 5.1 | 7.5 |
| ENE | .4 | 1.4 | 1.4 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.5 |
| E | .5 | 1.2 | 1.6 | 1.1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.2 |
| ESE | .5 | 1.2 | 1.8 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.0 |
| SE | .6 | 1.7 | 2.0 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 7.7 |
| SSE | .7 | 2.3 | 2.3 | 1.3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.7 | 7.7 |
| S | 1.2 | 3.8 | 5.8 | 2.8 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 13.9 | 8.1 |
| SSW | .8 | 3.1 | 3.9 | 1.9 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 9.9 | 8.1 |
| SW | .6 | 2.1 | 3.4 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.0 |
| WSW | .3 | 1.6 | 2.6 | 1.2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.8 | 8.2 |
| W | .3 | 1.3 | 2.6 | 1.1 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 5.5 | 8.7 |
| WNW | .3 | .9 | 1.2 | .6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 3.2 | 8.0 |
| NW | .4 | 1.0 | 1.2 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 7.3 |
| NNW | .4 | 1.2 | 1.0 | .6 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 3.3 | 7.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | .0 |
| ALL | 6.8 | 28.5 | 37.2 | 17.6 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.4 |

TOTAL NO. OF OBS : 10409

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 36.3 | 59.9 | 63.0 | 65.3 | 66.1 | 66.1 | 67.1 | 67.1 | 67.1 | 67.3 |
| >=20000 | 38.4 | 64.0 | 67.3 | 69.7 | 70.6 | 71.4 | 71.6 | 71.6 | 71.6 | 71.9 |
| >=18000 | 38.4 | 64.3 | 67.6 | 70.0 | 70.9 | 71.7 | 71.9 | 71.9 | 71.9 | 72.2 |
| >=16000 | 38.4 | 64.3 | 67.6 | 70.0 | 70.9 | 71.7 | 71.9 | 71.9 | 71.9 | 72.2 |
| >=14000 | 39.1 | 65.7 | 69.0 | 71.5 | 72.4 | 73.2 | 73.4 | 73.4 | 73.4 | 73.6 |
| >=12000 | 40.0 | 67.4 | 70.8 | 73.3 | 74.3 | 75.1 | 75.3 | 75.3 | 75.3 | 75.6 |
| >=10000 | 41.2 | 69.6 | 73.4 | 76.1 | 77.2 | 77.9 | 78.2 | 78.2 | 78.2 | 78.4 |
| >= 9000 | 42.0 | 71.2 | 74.9 | 77.6 | 78.7 | 79.5 | 79.7 | 79.7 | 79.7 | 79.9 |
| >= 8000 | 42.7 | 73.2 | 76.9 | 79.7 | 80.9 | 81.6 | 81.9 | 81.9 | 81.9 | 82.1 |
| >= 7000 | 43.9 | 74.6 | 78.3 | 81.1 | 82.2 | 83.0 | 83.2 | 83.2 | 83.2 | 83.5 |
| >= 6000 | 44.3 | 75.4 | 79.2 | 81.9 | 83.1 | 83.9 | 84.1 | 84.1 | 84.1 | 84.3 |
| >= 5000 | 45.0 | 76.6 | 80.3 | 83.2 | 84.3 | 85.1 | 85.3 | 85.3 | 85.3 | 85.5 |
| >= 4500 | 45.2 | 76.9 | 80.7 | 83.6 | 84.7 | 85.5 | 85.7 | 85.7 | 85.7 | 85.9 |
| >= 4000 | 45.3 | 77.2 | 81.0 | 83.9 | 85.0 | 85.8 | 86.0 | 86.0 | 86.0 | 86.2 |
| >= 3500 | 45.5 | 77.6 | 81.5 | 84.4 | 85.5 | 86.3 | 86.5 | 86.5 | 86.5 | 86.7 |
| >= 3000 | 45.6 | 78.3 | 82.3 | 85.3 | 86.5 | 87.3 | 87.5 | 87.5 | 87.5 | 87.8 |
| >= 2500 | 46.0 | 79.2 | 83.2 | 86.5 | 87.7 | 88.5 | 88.8 | 88.8 | 88.8 | 89.0 |
| >= 2000 | 46.4 | 80.1 | 84.3 | 87.8 | 88.9 | 89.9 | 90.1 | 90.1 | 90.1 | 90.3 |
| >= 1800 | 46.5 | 80.2 | 84.5 | 87.9 | 89.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.5 |
| >= 1500 | 46.8 | 81.0 | 85.5 | 89.1 | 90.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.7 |
| >= 1200 | 46.9 | 81.7 | 86.2 | 90.0 | 91.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.8 |
| >= 1000 | 47.0 | 82.2 | 86.9 | 90.8 | 92.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.7 |
| >= 900 | 47.2 | 82.6 | 87.3 | 91.5 | 92.8 | 93.9 | 94.2 | 94.2 | 94.2 | 94.5 |
| >= 800 | 47.3 | 83.0 | 87.7 | 92.0 | 93.3 | 94.4 | 94.8 | 94.8 | 94.8 | 95.1 |
| >= 700 | 47.3 | 83.2 | 87.9 | 92.3 | 93.6 | 94.9 | 95.2 | 95.2 | 95.2 | 95.5 |
| >= 600 | 47.3 | 83.6 | 88.3 | 92.9 | 94.3 | 95.6 | 95.8 | 95.8 | 95.8 | 96.2 |
| >= 500 | 47.4 | 83.9 | 88.8 | 93.3 | 94.9 | 96.3 | 96.7 | 96.7 | 96.7 | 97.0 |
| >= 400 | 47.4 | 84.1 | 89.2 | 93.8 | 95.3 | 96.8 | 97.2 | 97.2 | 97.2 | 97.5 |
| >= 300 | 47.4 | 84.2 | 89.3 | 94.0 | 95.6 | 97.2 | 97.6 | 97.6 | 97.6 | 98.0 |
| >= 200 | 47.4 | 84.2 | 89.3 | 94.1 | 95.8 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 |
| >= 100 | 47.4 | 84.2 | 89.3 | 94.1 | 95.8 | 97.3 | 97.8 | 97.8 | 97.8 | 98.4 |
| >= 0 | 47.4 | 84.2 | 89.3 | 94.1 | 95.8 | 97.3 | 97.8 | 97.8 | 97.8 | 98.4 |

TOTAL NO. OF CFS : 1301

2 - CEILING VS VISIBILITY

013980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 30.0 | 53.8 | 57.5 | 59.8 | 61.4 | 61.5 | 62.6 | 62.7 | 62.8 | 63.3 | 63.4 | 63.4 | 64.4 | 64.4 | 65.0 | 65.6 |
| >=20000 | 31.4 | 57.2 | 61.2 | 63.6 | 65.4 | 65.4 | 66.5 | 66.7 | 66.7 | 67.3 | 67.4 | 67.4 | 68.4 | 68.4 | 69.0 | 69.6 |
| >=18000 | 31.4 | 57.3 | 61.3 | 63.7 | 65.4 | 65.5 | 66.6 | 66.7 | 66.8 | 67.4 | 67.4 | 67.4 | 68.4 | 68.5 | 69.0 | 69.7 |
| >=16000 | 31.7 | 57.6 | 61.6 | 64.0 | 65.7 | 65.8 | 66.9 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 68.7 | 68.8 | 69.4 | 70.0 |
| >=14000 | 32.7 | 59.1 | 63.2 | 65.6 | 67.4 | 67.4 | 68.5 | 68.7 | 68.7 | 69.3 | 69.4 | 69.4 | 70.4 | 70.4 | 71.0 | 71.7 |
| >=12000 | 33.9 | 61.0 | 65.2 | 67.7 | 69.5 | 69.6 | 70.7 | 70.8 | 70.9 | 71.4 | 71.5 | 71.5 | 72.5 | 72.6 | 73.2 | 73.8 |
| >=10000 | 34.6 | 63.4 | 67.8 | 70.4 | 72.2 | 72.3 | 73.6 | 73.7 | 73.9 | 74.4 | 74.5 | 74.5 | 75.5 | 75.6 | 76.2 | 76.8 |
| >=9000 | 34.9 | 64.1 | 68.6 | 71.2 | 73.0 | 73.1 | 74.5 | 74.7 | 74.8 | 75.3 | 75.4 | 75.4 | 76.4 | 76.5 | 77.1 | 77.7 |
| >=8000 | 35.4 | 65.3 | 70.0 | 72.7 | 74.6 | 74.7 | 76.0 | 76.2 | 76.3 | 76.9 | 77.0 | 77.0 | 78.0 | 78.0 | 78.6 | 79.3 |
| >=7000 | 36.3 | 66.8 | 71.8 | 74.6 | 76.4 | 76.5 | 78.0 | 78.1 | 78.3 | 78.8 | 78.9 | 78.9 | 79.9 | 80.0 | 80.6 | 81.2 |
| >=6000 | 36.6 | 67.6 | 72.6 | 75.3 | 77.2 | 77.3 | 78.7 | 78.9 | 79.0 | 79.6 | 79.6 | 79.6 | 80.6 | 80.7 | 81.3 | 82.0 |
| >=5000 | 36.9 | 68.1 | 73.2 | 76.0 | 78.0 | 78.0 | 79.6 | 79.7 | 79.9 | 80.4 | 80.5 | 80.5 | 81.5 | 81.6 | 82.2 | 82.8 |
| >=4500 | 37.1 | 68.7 | 73.7 | 76.6 | 78.5 | 78.6 | 80.1 | 80.3 | 80.4 | 81.0 | 81.0 | 81.0 | 82.0 | 82.1 | 82.7 | 83.3 |
| >=4000 | 37.3 | 69.3 | 74.3 | 77.3 | 79.2 | 79.3 | 80.9 | 81.0 | 81.1 | 81.6 | 81.7 | 81.7 | 82.7 | 82.8 | 83.4 | 84.1 |
| >=3500 | 37.3 | 69.7 | 74.9 | 77.8 | 79.8 | 79.9 | 81.4 | 81.6 | 81.7 | 82.3 | 82.3 | 82.3 | 83.3 | 83.4 | 84.0 | 84.7 |
| >=3000 | 37.6 | 70.4 | 75.7 | 78.6 | 80.6 | 80.6 | 82.3 | 82.5 | 82.6 | 83.2 | 83.3 | 83.3 | 84.3 | 84.3 | 84.9 | 85.6 |
| >=2500 | 37.8 | 71.0 | 76.3 | 79.5 | 81.6 | 81.6 | 83.5 | 83.6 | 83.8 | 84.3 | 84.4 | 84.4 | 85.4 | 85.5 | 86.1 | 86.8 |
| >=2000 | 37.9 | 71.6 | 77.3 | 80.4 | 82.5 | 82.6 | 84.5 | 84.6 | 84.8 | 85.3 | 85.4 | 85.4 | 86.4 | 86.5 | 87.1 | 87.8 |
| >=1800 | 38.1 | 72.1 | 77.9 | 81.0 | 83.1 | 83.2 | 85.1 | 85.3 | 85.4 | 85.9 | 86.0 | 86.0 | 87.0 | 87.1 | 87.7 | 88.4 |
| >=1500 | 38.3 | 72.9 | 78.8 | 82.1 | 84.3 | 84.4 | 86.3 | 86.5 | 86.6 | 87.2 | 87.3 | 87.3 | 88.2 | 88.3 | 88.9 | 89.6 |
| >=1200 | 38.8 | 74.0 | 80.1 | 83.4 | 85.6 | 85.7 | 87.6 | 87.8 | 87.9 | 88.5 | 88.6 | 88.6 | 89.6 | 89.6 | 90.2 | 90.9 |
| >=1000 | 38.9 | 74.6 | 80.8 | 84.1 | 86.6 | 86.6 | 88.6 | 88.7 | 88.9 | 89.4 | 89.5 | 89.5 | 90.5 | 90.6 | 91.2 | 91.9 |
| >=900 | 38.9 | 75.0 | 81.4 | 84.9 | 87.8 | 87.9 | 89.8 | 89.9 | 90.1 | 90.6 | 90.7 | 90.7 | 91.7 | 91.8 | 92.4 | 93.1 |
| >=800 | 38.9 | 75.4 | 82.0 | 85.7 | 88.6 | 88.6 | 90.7 | 90.9 | 91.0 | 91.6 | 91.7 | 91.7 | 92.7 | 92.8 | 93.4 | 94.1 |
| >=700 | 39.1 | 75.6 | 82.2 | 85.9 | 88.8 | 88.9 | 90.9 | 91.1 | 91.2 | 91.9 | 91.9 | 91.9 | 92.9 | 93.0 | 93.6 | 94.3 |
| >=600 | 39.1 | 75.7 | 82.4 | 86.3 | 89.1 | 89.2 | 91.3 | 91.5 | 91.6 | 92.2 | 92.3 | 92.3 | 93.3 | 93.4 | 94.0 | 94.7 |
| >=500 | 39.1 | 75.9 | 82.9 | 86.8 | 89.6 | 89.7 | 91.6 | 91.8 | 91.9 | 92.5 | 92.6 | 92.6 | 93.6 | 93.7 | 94.3 | 95.4 |
| >=400 | 39.1 | 76.0 | 83.2 | 87.2 | 90.0 | 90.1 | 92.5 | 92.9 | 93.0 | 93.6 | 93.7 | 93.7 | 94.7 | 94.8 | 95.5 | 96.2 |
| >=300 | 39.1 | 76.0 | 83.3 | 87.3 | 90.2 | 90.4 | 92.9 | 93.4 | 93.5 | 94.4 | 94.5 | 94.5 | 95.5 | 95.5 | 96.3 | 97.0 |
| >=200 | 39.1 | 76.1 | 83.3 | 87.4 | 90.5 | 90.7 | 93.2 | 93.8 | 93.9 | 94.9 | 95.0 | 95.0 | 96.2 | 96.2 | 97.2 | 97.9 |
| >=100 | 39.1 | 76.1 | 83.3 | 87.4 | 90.5 | 90.7 | 93.2 | 93.9 | 94.1 | 95.3 | 95.5 | 95.5 | 96.9 | 97.0 | 97.9 | 99.0 |
| >=0 | 39.1 | 76.1 | 83.3 | 87.4 | 90.5 | 90.7 | 93.2 | 93.9 | 94.1 | 95.3 | 95.5 | 95.5 | 96.9 | 97.0 | 98.2 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 29.9 | 50.3 | 53.7 | 55.5 | 57.3 | 57.7 | 59.7 | 60.1 | 60.2 | 60.3 | 60.7 | 61.0 | 61.0 | 61.3 | 61.6 |
| >=20000 | 32.1 | 55.4 | 58.9 | 60.9 | 62.8 | 63.3 | 65.3 | 65.9 | 65.9 | 66.2 | 66.6 | 66.8 | 66.9 | 67.3 | 67.5 |
| >=18000 | 32.1 | 55.4 | 58.9 | 60.9 | 62.8 | 63.3 | 65.3 | 65.9 | 65.9 | 66.2 | 66.6 | 66.8 | 66.9 | 67.3 | 67.5 |
| >=16000 | 32.3 | 55.6 | 59.2 | 61.2 | 63.1 | 63.6 | 65.6 | 66.2 | 66.3 | 66.6 | 66.9 | 67.2 | 67.3 | 67.6 | 67.9 |
| >=14000 | 33.2 | 57.2 | 60.8 | 62.8 | 64.7 | 65.3 | 67.3 | 67.8 | 67.9 | 68.3 | 68.6 | 68.9 | 68.9 | 69.3 | 69.6 |
| >=12000 | 34.7 | 59.6 | 63.6 | 65.6 | 67.9 | 68.3 | 70.5 | 71.2 | 71.3 | 71.6 | 72.0 | 72.3 | 72.3 | 72.7 | 72.9 |
| >=10000 | 35.6 | 62.1 | 66.4 | 68.6 | 70.7 | 71.3 | 73.4 | 74.1 | 74.2 | 74.6 | 74.9 | 75.2 | 75.3 | 75.7 | 75.9 |
| >=9000 | 36.2 | 62.9 | 67.4 | 69.6 | 71.8 | 72.3 | 74.5 | 75.2 | 75.2 | 75.7 | 76.1 | 76.4 | 76.5 | 76.9 | 77.1 |
| >=8000 | 37.0 | 64.2 | 68.9 | 71.2 | 73.4 | 74.0 | 76.2 | 77.0 | 77.1 | 77.6 | 77.9 | 78.2 | 78.3 | 78.7 | 78.9 |
| >=7000 | 37.4 | 65.0 | 69.8 | 72.3 | 74.5 | 75.1 | 77.3 | 78.2 | 78.2 | 78.7 | 79.1 | 79.4 | 79.5 | 79.9 | 80.1 |
| >=6000 | 37.8 | 65.8 | 70.7 | 73.8 | 75.5 | 76.1 | 78.3 | 79.2 | 79.2 | 79.7 | 80.1 | 80.4 | 80.5 | 80.9 | 81.1 |
| >=5000 | 38.2 | 66.3 | 71.3 | 74.3 | 76.2 | 76.8 | 79.2 | 80.1 | 80.2 | 80.6 | 81.0 | 81.3 | 81.4 | 81.8 | 82.0 |
| >=4500 | 38.2 | 66.6 | 71.6 | 74.3 | 76.7 | 77.3 | 79.8 | 80.6 | 80.7 | 81.2 | 81.6 | 81.9 | 82.3 | 82.6 | 82.6 |
| >=4000 | 38.4 | 66.9 | 72.1 | 74.8 | 77.2 | 77.9 | 80.3 | 81.2 | 81.2 | 81.7 | 82.1 | 82.4 | 82.5 | 82.9 | 83.1 |
| >=3500 | 38.5 | 67.3 | 72.6 | 75.3 | 77.9 | 78.6 | 81.2 | 82.0 | 82.1 | 82.6 | 82.9 | 83.2 | 83.3 | 83.7 | 83.9 |
| >=3000 | 38.3 | 68.1 | 73.5 | 76.3 | 78.9 | 79.6 | 82.2 | 83.0 | 83.1 | 83.6 | 83.9 | 84.2 | 84.3 | 84.7 | 84.9 |
| >=2500 | 39.3 | 68.8 | 74.3 | 77.2 | 79.9 | 80.6 | 83.2 | 84.0 | 84.1 | 84.6 | 85.0 | 85.3 | 85.4 | 85.8 | 86.0 |
| >=2000 | 39.4 | 69.0 | 74.5 | 77.6 | 80.2 | 81.1 | 83.6 | 84.5 | 84.6 | 85.2 | 85.5 | 85.9 | 85.9 | 86.3 | 86.5 |
| >=1800 | 39.4 | 69.1 | 74.6 | 77.6 | 80.3 | 81.2 | 83.7 | 84.6 | 84.6 | 85.2 | 85.6 | 85.9 | 86.0 | 86.4 | 86.6 |
| >=1500 | 39.8 | 70.2 | 75.7 | 78.8 | 81.6 | 82.5 | 85.1 | 85.9 | 86.0 | 86.6 | 87.0 | 87.3 | 87.4 | 87.9 | 88.1 |
| >=1200 | 40.2 | 71.1 | 77.0 | 80.1 | 82.9 | 83.9 | 86.5 | 87.4 | 87.5 | 88.1 | 88.5 | 88.8 | 88.9 | 89.3 | 89.5 |
| >=1000 | 40.5 | 72.1 | 78.0 | 81.3 | 84.1 | 85.1 | 87.9 | 88.7 | 88.8 | 89.4 | 89.8 | 90.1 | 90.2 | 90.6 | 90.9 |
| >=900 | 40.8 | 72.7 | 78.9 | 82.2 | 85.0 | 86.1 | 88.9 | 89.9 | 89.9 | 90.5 | 90.9 | 91.2 | 91.3 | 91.8 | 92.0 |
| >=800 | 41.1 | 73.3 | 79.7 | 83.1 | 85.9 | 86.9 | 89.6 | 90.8 | 90.9 | 91.5 | 91.9 | 92.2 | 92.2 | 92.7 | 92.9 |
| >=700 | 41.3 | 73.9 | 80.3 | 83.8 | 86.7 | 87.9 | 90.6 | 91.8 | 91.9 | 92.5 | 92.9 | 93.2 | 93.2 | 93.7 | 93.9 |
| >=600 | 41.5 | 74.3 | 80.7 | 84.2 | 87.1 | 88.3 | 91.4 | 92.3 | 92.4 | 93.0 | 93.4 | 93.7 | 93.9 | 94.3 | 94.5 |
| >=500 | 41.6 | 74.5 | 80.9 | 84.5 | 87.5 | 88.9 | 92.1 | 93.1 | 93.2 | 94.0 | 94.4 | 94.7 | 94.9 | 95.4 | 95.6 |
| >=400 | 41.6 | 74.7 | 81.3 | 85.0 | 88.2 | 89.7 | 93.2 | 94.3 | 94.4 | 95.2 | 95.6 | 95.9 | 96.1 | 96.6 | 96.8 |
| >=300 | 41.6 | 74.8 | 81.4 | 85.2 | 88.5 | 90.1 | 93.7 | 95.0 | 95.1 | 96.0 | 96.4 | 96.7 | 96.8 | 97.5 | 97.8 |
| >=200 | 41.6 | 74.8 | 81.4 | 85.2 | 88.8 | 90.3 | 94.0 | 95.4 | 95.5 | 96.5 | 96.9 | 97.5 | 97.7 | 98.5 | 99.1 |
| >=100 | 41.6 | 74.8 | 81.4 | 85.2 | 88.8 | 90.3 | 94.0 | 95.4 | 95.5 | 96.5 | 97.1 | 97.7 | 97.9 | 98.7 | 99.7 |
| >=0 | 41.6 | 74.8 | 81.4 | 85.2 | 88.9 | 90.3 | 94.0 | 95.4 | 95.5 | 96.5 | 97.1 | 97.7 | 98.0 | 98.9 | 100.0 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 43.1 | 54.8 | 55.8 | 55.9 | 56.2 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| >=20000 | 47.0 | 60.0 | 61.1 | 61.4 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| >=18000 | 47.3 | 60.3 | 61.4 | 61.7 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| >=16000 | 47.3 | 60.3 | 61.4 | 61.7 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| >=14000 | 48.2 | 61.4 | 62.5 | 62.8 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=12000 | 49.5 | 63.5 | 64.6 | 65.0 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| >=10000 | 50.5 | 65.2 | 66.3 | 66.7 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| >=9000 | 50.6 | 65.7 | 66.8 | 67.2 | 67.5 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| >=8000 | 51.3 | 66.8 | 68.0 | 68.5 | 68.9 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| >=7000 | 52.0 | 68.4 | 69.5 | 70.0 | 70.5 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| >=6000 | 52.3 | 69.0 | 70.2 | 70.7 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| >=5000 | 52.8 | 69.8 | 71.0 | 71.5 | 72.1 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| >=4500 | 53.5 | 70.6 | 71.9 | 72.5 | 73.1 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=4000 | 53.8 | 71.0 | 72.3 | 72.9 | 73.5 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| >=3500 | 54.7 | 72.1 | 73.4 | 74.0 | 74.6 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| >=3000 | 56.8 | 74.6 | 76.1 | 76.8 | 77.5 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >=2500 | 59.8 | 78.5 | 79.9 | 80.7 | 81.4 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| >=2000 | 62.6 | 82.2 | 83.8 | 84.7 | 85.4 | 85.6 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| >=1800 | 63.9 | 84.4 | 86.2 | 87.0 | 87.7 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| >=1500 | 65.4 | 86.8 | 88.8 | 89.8 | 90.8 | 91.2 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=1200 | 66.4 | 89.5 | 91.6 | 92.7 | 93.9 | 94.4 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| >=1000 | 66.8 | 90.8 | 93.0 | 94.2 | 95.5 | 96.0 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| >=900 | 66.9 | 91.4 | 93.8 | 95.2 | 96.4 | 97.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=800 | 67.0 | 91.6 | 94.2 | 95.5 | 96.8 | 97.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=700 | 67.0 | 91.7 | 94.2 | 95.6 | 96.8 | 97.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| >=600 | 67.1 | 91.8 | 94.5 | 96.1 | 97.4 | 98.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=500 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=300 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=200 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=100 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=0 | 67.1 | 91.8 | 94.5 | 96.2 | 97.6 | 98.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NO. OF OBS : 1300

CEILING VS VISIBILITY

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 1300 LST

13680 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 40.7 | 49.2 | 45.7 | 49.8 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| >=20000 | 46.1 | 56.1 | 56.7 | 56.8 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| >=18000 | 46.2 | 56.3 | 56.9 | 57.1 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| >=16000 | 46.6 | 56.8 | 57.5 | 57.6 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| >=14000 | 47.0 | 57.5 | 58.1 | 58.3 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| >=12000 | 48.3 | 59.2 | 59.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| >=10000 | 49.0 | 60.6 | 61.2 | 61.4 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| >= 8000 | 49.8 | 61.7 | 62.3 | 62.5 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| >= 7000 | 50.5 | 62.7 | 63.4 | 63.6 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| >= 6000 | 51.3 | 64.0 | 64.6 | 64.8 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| >= 5000 | 51.8 | 64.8 | 65.4 | 65.7 | 66.1 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| >= 4500 | 54.1 | 67.8 | 68.5 | 68.8 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| >= 4000 | 55.8 | 69.8 | 70.6 | 70.9 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| >= 3500 | 57.8 | 72.5 | 73.2 | 73.7 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| >= 3000 | 60.4 | 75.7 | 76.8 | 77.3 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >= 2500 | 64.5 | 81.6 | 82.8 | 83.4 | 83.9 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| >= 2000 | 68.4 | 86.9 | 88.2 | 89.0 | 89.8 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| >= 1800 | 70.1 | 89.6 | 91.3 | 92.2 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| >= 1500 | 70.4 | 90.0 | 92.1 | 93.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| >= 1200 | 71.3 | 91.8 | 94.2 | 95.1 | 96.2 | 96.4 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| >= 1000 | 71.4 | 92.3 | 94.9 | 95.9 | 97.1 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| >= 900 | 71.5 | 92.8 | 95.4 | 96.5 | 97.8 | 97.9 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >= 800 | 71.6 | 93.0 | 95.6 | 96.7 | 98.2 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >= 700 | 71.6 | 93.1 | 95.7 | 96.8 | 98.2 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >= 600 | 71.6 | 93.1 | 95.8 | 96.9 | 98.4 | 98.6 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| >= 500 | 71.6 | 93.1 | 95.9 | 97.0 | 98.5 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 400 | 71.6 | 93.1 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >= 300 | 71.6 | 93.1 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >= 200 | 71.6 | 93.1 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >= 100 | 71.6 | 93.1 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >= 0 | 71.6 | 93.1 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

G13980 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 |
| UNLIMIT | 45.8 | 56.6 | 58.0 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| >=20000 | 53.2 | 67.0 | 68.6 | 69.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| >=18000 | 53.5 | 67.3 | 68.9 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=16000 | 53.6 | 67.4 | 69.1 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| >=14000 | 54.1 | 68.3 | 70.0 | 70.4 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| >=12000 | 56.0 | 71.0 | 72.7 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| >=10000 | 57.6 | 73.2 | 75.0 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| >=9000 | 58.0 | 73.9 | 75.7 | 76.3 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| >=8000 | 58.8 | 75.4 | 77.5 | 78.1 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| >=7000 | 59.1 | 76.0 | 78.3 | 79.0 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| >=6000 | 59.8 | 76.7 | 79.0 | 79.7 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| >=5000 | 61.0 | 78.8 | 81.1 | 82.0 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| >=4500 | 61.7 | 80.0 | 82.3 | 83.2 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| >=4000 | 62.4 | 80.9 | 83.3 | 84.3 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| >=3500 | 63.4 | 82.6 | 85.2 | 86.2 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=3000 | 65.0 | 85.3 | 88.1 | 89.1 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| >=2500 | 66.3 | 87.7 | 90.7 | 91.8 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| >=2000 | 67.2 | 89.0 | 92.1 | 93.2 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| >=1800 | 67.3 | 89.4 | 92.5 | 93.8 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=1500 | 67.5 | 90.1 | 93.4 | 94.7 | 95.9 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 |
| >=1200 | 67.9 | 90.7 | 94.2 | 95.5 | 96.8 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 |
| >=1000 | 68.0 | 91.1 | 94.9 | 96.2 | 97.4 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 |
| >=900 | 68.0 | 91.2 | 95.1 | 96.4 | 97.6 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 |
| >=800 | 68.0 | 91.3 | 95.2 | 96.5 | 97.7 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 |
| >=700 | 68.0 | 91.5 | 95.3 | 96.7 | 98.0 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 |
| >=600 | 68.0 | 91.6 | 95.4 | 96.8 | 98.1 | 98.3 | 98.8 | 99.0 | 99.0 | 99.0 |
| >=500 | 68.1 | 91.6 | 95.5 | 96.9 | 98.3 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 |
| >=400 | 68.1 | 91.7 | 95.6 | 97.0 | 98.4 | 98.6 | 99.4 | 99.7 | 99.8 | 99.8 |
| >=300 | 68.1 | 91.7 | 95.6 | 97.0 | 98.4 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 |
| >=200 | 68.1 | 91.7 | 95.6 | 97.0 | 98.4 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 |
| >=100 | 68.1 | 91.7 | 95.6 | 97.0 | 98.4 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 |
| >= 0 | 68.1 | 91.7 | 95.6 | 97.0 | 98.4 | 98.7 | 99.5 | 99.8 | 99.9 | 99.9 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=1/8 | >=0 |
| UNLIMIT | 44.8 | 59.5 | 61.9 | 62.8 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=20000 | 51.8 | 68.8 | 71.2 | 72.8 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=18000 | 51.9 | 69.1 | 72.0 | 73.0 | 73.4 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| >=16000 | 52.1 | 69.2 | 72.2 | 73.2 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| >=14000 | 53.1 | 71.0 | 73.9 | 75.0 | 75.4 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| >=12000 | 55.2 | 73.8 | 77.1 | 78.3 | 78.7 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| >=10000 | 56.4 | 76.2 | 79.4 | 80.7 | 81.2 | 81.5 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| >= 9000 | 56.9 | 77.3 | 80.5 | 81.9 | 82.5 | 82.7 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| >= 8000 | 57.7 | 78.9 | 82.2 | 83.5 | 84.1 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| >= 7000 | 58.3 | 80.1 | 83.4 | 84.8 | 85.4 | 85.6 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| >= 6000 | 58.5 | 80.6 | 84.1 | 85.5 | 86.2 | 86.4 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| >= 5000 | 59.1 | 81.3 | 84.9 | 86.4 | 87.0 | 87.2 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| >= 4500 | 59.2 | 81.7 | 85.5 | 86.9 | 87.5 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| >= 4000 | 59.6 | 82.5 | 86.4 | 87.9 | 88.5 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| >= 3500 | 60.3 | 83.5 | 87.5 | 89.2 | 89.8 | 90.1 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| >= 3000 | 60.5 | 84.2 | 88.3 | 90.1 | 90.8 | 91.1 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| >= 2500 | 61.1 | 85.4 | 89.6 | 91.5 | 92.2 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| >= 2000 | 61.5 | 85.9 | 90.3 | 92.4 | 93.2 | 93.4 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| >= 1800 | 61.6 | 86.2 | 90.6 | 92.7 | 93.5 | 93.8 | 93.8 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| >= 1500 | 62.0 | 87.1 | 91.7 | 93.9 | 94.8 | 95.1 | 95.2 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| >= 1200 | 62.4 | 87.8 | 92.7 | 95.1 | 96.2 | 96.5 | 96.7 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| >= 1000 | 62.5 | 88.1 | 93.0 | 95.5 | 96.7 | 96.9 | 97.2 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| >= 900 | 62.7 | 88.5 | 93.5 | 96.1 | 97.4 | 97.6 | 97.9 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| >= 800 | 62.7 | 88.6 | 93.6 | 96.2 | 97.5 | 97.7 | 98.0 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 700 | 62.8 | 88.8 | 93.8 | 96.4 | 97.7 | 97.9 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 600 | 62.8 | 88.9 | 93.9 | 96.5 | 97.8 | 98.2 | 98.8 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >= 500 | 62.8 | 88.9 | 93.9 | 96.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >= 400 | 62.8 | 88.9 | 93.9 | 96.5 | 98.0 | 98.4 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >= 300 | 62.8 | 89.0 | 94.0 | 96.6 | 98.1 | 98.5 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >= 200 | 62.8 | 89.0 | 94.0 | 96.6 | 98.1 | 98.5 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 100 | 62.8 | 89.0 | 94.0 | 96.6 | 98.1 | 98.5 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 0 | 62.8 | 89.0 | 94.0 | 96.6 | 98.1 | 98.5 | 99.1 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1300

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 43.0 | 65.1 | 67.2 | 68.6 | 69.0 | 69.0 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=20000 | 47.1 | 70.9 | 73.2 | 74.6 | 75.2 | 75.2 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| >=18000 | 47.1 | 70.9 | 73.2 | 74.6 | 75.2 | 75.2 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| >=16000 | 47.1 | 70.9 | 73.2 | 74.6 | 75.2 | 75.2 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| >=14000 | 48.1 | 72.1 | 74.4 | 75.9 | 76.4 | 76.4 | 76.7 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| >=12000 | 49.3 | 74.4 | 77.0 | 78.5 | 79.0 | 79.0 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| >=10000 | 50.3 | 76.6 | 79.3 | 80.9 | 81.4 | 81.4 | 81.7 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| >=9000 | 51.0 | 78.2 | 81.0 | 82.6 | 83.2 | 83.2 | 83.5 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| >=8000 | 52.0 | 80.1 | 83.0 | 84.6 | 85.2 | 85.2 | 85.5 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| >=7000 | 52.9 | 81.2 | 84.4 | 86.1 | 86.8 | 86.8 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| >=6000 | 53.2 | 82.0 | 85.2 | 87.0 | 87.9 | 87.9 | 88.2 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| >=5000 | 53.5 | 83.3 | 86.6 | 88.5 | 89.3 | 89.3 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| >=4500 | 53.7 | 83.7 | 87.0 | 88.9 | 89.8 | 89.8 | 90.1 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| >=4000 | 53.8 | 84.2 | 87.6 | 89.7 | 90.5 | 90.5 | 90.9 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| >=3500 | 54.0 | 84.8 | 88.2 | 90.3 | 91.2 | 91.2 | 91.5 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| >=3000 | 54.4 | 85.5 | 88.9 | 91.0 | 91.9 | 91.9 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| >=2500 | 54.6 | 86.5 | 90.0 | 92.2 | 93.1 | 93.2 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| >=2000 | 54.9 | 87.0 | 90.6 | 92.9 | 93.8 | 93.9 | 94.2 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| >=1800 | 55.0 | 87.3 | 90.9 | 93.4 | 94.2 | 94.3 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=1500 | 55.1 | 87.9 | 91.5 | 93.9 | 94.9 | 95.0 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| >=1200 | 55.3 | 88.3 | 91.9 | 94.6 | 95.6 | 95.7 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| >=1000 | 55.4 | 88.7 | 92.3 | 95.2 | 96.2 | 96.2 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=900 | 55.4 | 89.0 | 92.7 | 95.5 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=800 | 55.5 | 89.3 | 93.1 | 95.9 | 97.0 | 97.1 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| >=700 | 55.6 | 89.6 | 93.5 | 96.3 | 97.4 | 97.5 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=600 | 55.6 | 89.9 | 93.7 | 96.5 | 97.7 | 97.8 | 98.3 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| >=500 | 55.7 | 90.1 | 93.9 | 96.8 | 98.2 | 98.2 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=400 | 55.8 | 90.2 | 94.3 | 97.3 | 98.7 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=300 | 55.8 | 90.2 | 94.3 | 97.3 | 98.7 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=200 | 55.8 | 90.2 | 94.3 | 97.3 | 98.7 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 55.8 | 90.2 | 94.3 | 97.3 | 98.7 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=0 | 55.8 | 90.2 | 94.3 | 97.3 | 98.7 | 98.8 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 39.2 | 56.1 | 58.3 | 59.5 | 60.2 | 60.4 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.4 | 61.4 | 61.6 | 61.7 |
| >=20000 | 43.4 | 62.4 | 64.8 | 66.1 | 66.9 | 67.0 | 67.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 |
| >=18000 | 43.5 | 62.6 | 65.0 | 66.3 | 67.1 | 67.2 | 67.7 | 67.9 | 67.9 | 68.1 | 68.2 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 |
| >=16000 | 43.6 | 62.8 | 65.2 | 66.5 | 67.3 | 67.4 | 67.9 | 68.1 | 68.1 | 68.2 | 68.3 | 68.3 | 68.5 | 68.5 | 68.7 | 68.8 |
| >=14000 | 44.4 | 64.0 | 66.5 | 67.8 | 68.6 | 68.7 | 69.2 | 69.4 | 69.4 | 69.6 | 69.7 | 69.7 | 69.8 | 69.9 | 70.0 | 70.1 |
| >=12000 | 45.9 | 66.2 | 68.9 | 70.2 | 71.1 | 71.2 | 71.8 | 71.9 | 72.0 | 72.1 | 72.2 | 72.2 | 72.4 | 72.4 | 72.5 | 72.7 |
| >=10000 | 46.9 | 68.4 | 71.1 | 72.5 | 73.4 | 73.5 | 74.2 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.8 | 74.8 | 75.0 | 75.1 |
| >=9000 | 47.4 | 69.4 | 72.1 | 73.6 | 74.5 | 74.7 | 75.3 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 75.9 | 76.0 | 76.1 | 76.2 |
| >=8000 | 48.2 | 70.8 | 73.7 | 75.2 | 76.2 | 76.3 | 76.9 | 77.1 | 77.2 | 77.3 | 77.4 | 77.4 | 77.6 | 77.6 | 77.8 | 77.9 |
| >=7000 | 48.9 | 72.0 | 75.0 | 76.6 | 77.6 | 77.7 | 78.4 | 78.6 | 78.6 | 78.8 | 78.9 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 |
| >=6000 | 49.3 | 72.7 | 75.6 | 77.4 | 78.4 | 78.6 | 79.2 | 79.4 | 79.5 | 79.6 | 79.7 | 79.7 | 79.9 | 79.9 | 80.1 | 80.2 |
| >=5000 | 50.1 | 74.0 | 77.1 | 78.8 | 79.9 | 80.0 | 80.7 | 80.9 | 80.9 | 81.1 | 81.2 | 81.2 | 81.4 | 81.4 | 81.5 | 81.7 |
| >=4500 | 50.5 | 74.7 | 77.9 | 79.6 | 80.7 | 80.9 | 81.5 | 81.7 | 81.8 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.4 | 82.5 |
| >=4000 | 51.1 | 75.6 | 78.8 | 80.5 | 81.7 | 81.8 | 82.5 | 82.7 | 82.7 | 82.9 | 83.0 | 83.0 | 83.2 | 83.2 | 83.3 | 83.5 |
| >=3500 | 51.8 | 76.7 | 80.0 | 81.8 | 82.9 | 83.1 | 83.8 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.5 | 84.6 | 84.7 | 84.8 |
| >=3000 | 52.9 | 78.5 | 82.0 | 83.8 | 85.0 | 85.2 | 86.0 | 86.2 | 86.2 | 86.4 | 86.5 | 86.5 | 86.7 | 86.7 | 86.8 | 87.0 |
| >=2500 | 54.2 | 80.5 | 84.0 | 86.1 | 87.3 | 87.5 | 88.3 | 88.5 | 88.5 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.2 | 89.3 |
| >=2000 | 55.0 | 81.8 | 85.5 | 87.7 | 88.9 | 89.2 | 90.0 | 90.2 | 90.2 | 90.4 | 90.5 | 90.5 | 90.7 | 90.7 | 90.9 | 91.0 |
| >=1800 | 55.3 | 82.3 | 86.2 | 88.3 | 89.6 | 89.8 | 90.6 | 90.9 | 90.9 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.5 | 91.7 |
| >=1500 | 55.8 | 83.5 | 87.4 | 89.7 | 91.1 | 91.4 | 92.2 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.2 | 93.3 |
| >=1200 | 56.2 | 84.4 | 88.6 | 90.9 | 92.4 | 92.7 | 93.6 | 93.9 | 93.9 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.6 | 94.7 |
| >=1000 | 56.3 | 85.0 | 89.3 | 91.7 | 93.3 | 93.6 | 94.5 | 94.8 | 94.8 | 95.0 | 95.1 | 95.1 | 95.3 | 95.4 | 95.5 | 95.7 |
| >=900 | 56.4 | 85.4 | 89.7 | 92.2 | 93.9 | 94.2 | 95.2 | 95.5 | 95.5 | 95.8 | 95.9 | 95.9 | 96.1 | 96.1 | 96.2 | 96.4 |
| >=800 | 56.5 | 85.7 | 90.1 | 92.7 | 94.3 | 94.6 | 95.7 | 96.0 | 96.0 | 96.3 | 96.4 | 96.4 | 96.6 | 96.6 | 96.7 | 96.9 |
| >=700 | 56.6 | 85.9 | 90.4 | 93.0 | 94.6 | 95.0 | 96.1 | 96.4 | 96.4 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.2 | 97.3 |
| >=600 | 56.6 | 86.1 | 90.6 | 93.2 | 94.9 | 95.3 | 96.5 | 96.8 | 96.8 | 97.1 | 97.2 | 97.2 | 97.4 | 97.4 | 97.6 | 97.8 |
| >=500 | 56.7 | 86.2 | 90.8 | 93.5 | 95.3 | 95.7 | 97.0 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.2 | 98.3 |
| >=400 | 56.7 | 86.3 | 91.0 | 93.8 | 95.6 | 96.0 | 97.4 | 97.8 | 97.9 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.7 | 98.8 |
| >=300 | 56.7 | 86.4 | 91.0 | 93.8 | 95.7 | 96.2 | 97.6 | 98.1 | 98.1 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 99.0 | 99.2 |
| >=200 | 56.7 | 86.4 | 91.1 | 93.9 | 95.8 | 96.3 | 97.7 | 98.2 | 98.2 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.3 | 99.5 |
| >=100 | 56.7 | 86.4 | 91.1 | 93.9 | 95.8 | 96.3 | 97.7 | 98.2 | 98.3 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.5 | 99.6 |
| >= 0 | 56.7 | 86.4 | 91.1 | 93.9 | 95.8 | 96.3 | 97.7 | 98.2 | 98.3 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.5 | 100.0 |

TOTAL NO. OF OBS : 10409

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN | |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|--|--|------------|------|--|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | SPEED | WIND SPEED | | | | | |
| N | 1.7 | 4.2 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 5.2 | | | | | |
| NNE | 1.7 | 4.4 | 1.7 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 8.2 | 5.6 | | | | | |
| NE | 1.1 | 2.7 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 5.7 | | | | | |
| ENE | .7 | 1.1 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 5.6 | | | | | |
| E | .4 | 1.2 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.1 | | | | | |
| ESE | .5 | 1.0 | .3 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.6 | | | | | |
| SE | 1.1 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 4.1 | | | | | |
| SSE | 1.7 | 2.8 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 5.0 | | | | | |
| S | 3.4 | 6.4 | 2.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.1 | 5.2 | | | | | |
| SSW | 1.6 | 6.0 | 4.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.3 | 6.0 | | | | | |
| SW | .7 | 4.1 | 4.6 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.5 | 7.1 | | | | | |
| WSW | .6 | 1.9 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 6.5 | | | | | |
| W | .8 | .4 | 1.4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.8 | | | | | |
| WNW | .5 | .7 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.2 | | | | | |
| NW | .1 | .7 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 6.5 | | | | | |
| NNW | .5 | 1.7 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.4 | | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.1 | .0 | | | | | |
| ALL | 17.1 | 40.7 | 23.3 | 4.4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.0 | | | | | |

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN WIND SPEED |
|-------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| N | 2.8 | 4.6 | 2.8 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.7 | 5.7 |
| NNE | 2.0 | 4.3 | 3.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 5.8 |
| NE | 1.0 | 2.5 | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 6.2 |
| ENE | .6 | .8 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.1 |
| E | .6 | 1.5 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 5.7 |
| ESE | .2 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 5.4 |
| SE | 1.5 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 4.3 |
| SSE | 1.7 | 1.3 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 4.5 |
| S | 2.4 | 4.2 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 4.8 |
| SSW | 1.2 | 3.7 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 5.7 |
| SW | .8 | 3.9 | 3.9 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 6.9 |
| WSW | .3 | 4.0 | 3.1 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 6.6 |
| W | 1.0 | 2.8 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 5.7 |
| WNW | 1.0 | 1.7 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 4.9 |
| NW | .4 | .9 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 5.1 |
| NNW | 1.0 | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 4.6 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.6 | .0 |
| ALL | 18.5 | 40.2 | 22.7 | 3.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 4.8 |

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|---|---|---|---|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | |
| N | 1.4 | | | | | | 2.7 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 6.4 |
| NNE | 1.1 | 3.8 | | | | | 5.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.3 | 6.8 |
| NE | .7 | 4.3 | | | | | 3.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 6.7 |
| ENE | .3 | 2.0 | | | | | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 6.3 |
| E | .2 | 1.0 | | | | | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 5.1 |
| ESE | .3 | 1.0 | | | | | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 6.1 |
| SE | .2 | .9 | | | | | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 6.7 |
| SSE | .8 | 1.1 | | | | | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.8 |
| S | 1.0 | 3.2 | | | | | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 5.2 |
| SSW | .6 | 2.5 | | | | | 2.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 6.4 |
| SW | .6 | 3.5 | | | | | 4.8 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 7.5 |
| WSW | .2 | 3.2 | | | | | 5.5 | 1.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.8 | 8.1 |
| W | .6 | 2.9 | | | | | 4.3 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 7.6 |
| WNW | .6 | 1.5 | | | | | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 5.9 |
| NW | .6 | 1.6 | | | | | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.4 |
| NNW | .7 | 2.5 | | | | | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 5.3 |
| VAR | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | .0 |
| ALL | 10.2 | 38.9 | | | | | 37.6 | 6.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.3 |

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | .6 | 1.7 | 2.9 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 7.9 |
| NNE | .3 | 1.3 | 2.6 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 9.1 |
| NE | .3 | 1.7 | 4.2 | 2.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 8.7 |
| ENE | .3 | .6 | 1.8 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 8.8 |
| E | .2 | 1.1 | 1.5 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.9 |
| ESE | .1 | .6 | 1.6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 8.1 |
| SE | .6 | 1.0 | 1.7 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.1 |
| SSE | .2 | 1.1 | 1.4 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 8.2 |
| S | .4 | 1.3 | 2.3 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 8.2 |
| SSW | .4 | 2.5 | 3.8 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 7.9 |
| SW | .8 | 2.4 | 4.9 | 2.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | 8.4 |
| WSW | .3 | 1.3 | 4.5 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 9.2 |
| W | .2 | 2.0 | 4.8 | 2.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 9.1 |
| WNW | .6 | 2.0 | 3.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 7.2 |
| NW | 1.0 | 1.5 | 1.9 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 6.9 |
| NNW | .6 | 1.6 | 1.7 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 7.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | .0 |
| ALL | 7.0 | 23.7 | 45.5 | 20.0 | 1.9 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.2 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL | MEAN |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | % | WIND SPEED |
| N | .1 | 1.8 | 2.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 8.7 |
| NNE | .1 | 1.2 | 2.4 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.3 |
| NE | .0 | .8 | 1.5 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 9.7 |
| ENE | .2 | .7 | 1.7 | 2.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 9.9 |
| E | .2 | .6 | 2.3 | 2.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 10.2 |
| ESE | .2 | 1.2 | 2.7 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 9.7 |
| SE | .2 | 1.2 | 3.6 | 2.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 9.9 |
| SSE | .3 | 1.5 | 3.6 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 8.7 |
| S | .1 | 2.1 | 4.0 | 3.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 9.9 | 9.9 |
| SSW | .4 | 1.2 | 4.6 | 1.8 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | 8.3 | 9.3 |
| SW | .1 | 1.6 | 3.9 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 9.2 |
| WSW | .1 | 1.0 | 3.1 | 2.7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.2 | 10.3 |
| W | .1 | 1.3 | 2.1 | 1.6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 6.4 | 9.5 |
| WNW | .0 | .8 | 2.3 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 9.2 |
| NW | .2 | 2.1 | 1.9 | .6 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 4.9 | 8.0 |
| NNW | .2 | 1.3 | 1.7 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 8.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | .0 |
| ALL | 2.5 | 20.6 | 44.8 | 28.3 | 2.9 | .2 | .2 | .0 | .0 | .0 | .0 | 100.0 | 9.3 |

TOTAL NO. OF OBS : 1260

NOTES :
 # = PERCENT < .05

13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | .2 | .1 | .3 | 1.0 | 2.3 | 1.0 | 1.0 | .7 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.9 |
| NNE | .1 | .2 | .7 | .9 | 1.3 | .7 | .1 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 9.4 |
| NE | .2 | .1 | .3 | 1.6 | 1.5 | .9 | .1 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 9.0 |
| ENE | .1 | .1 | .3 | 1.3 | 1.3 | 1.6 | .1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 10.8 |
| E | .2 | .6 | .6 | 3.1 | 2.0 | 3.1 | .6 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 11.1 |
| ESE | .2 | .5 | .5 | 3.4 | 2.8 | 3.4 | .7 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 10.6 |
| SE | .2 | 1.0 | .7 | 4.7 | 4.8 | 4.7 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.9 | 10.3 |
| SSE | .5 | .7 | 1.0 | 4.7 | 5.6 | 4.7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.6 | 10.0 |
| S | .3 | .3 | 1.0 | 9.0 | 8.2 | 9.0 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 19.0 | 10.8 |
| SSW | .0 | .0 | .9 | 4.5 | 3.9 | 4.5 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | 11.0 |
| SW | .2 | .7 | .7 | 1.7 | 1.7 | 1.7 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 10.1 |
| WSW | .0 | .6 | .6 | 1.3 | 1.4 | 1.3 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 10.4 |
| W | .0 | 1.2 | .2 | 1.2 | 2.5 | 1.2 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 9.6 |
| WNW | .0 | .4 | .4 | .6 | 1.1 | .6 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 9.5 |
| NW | .1 | 1.0 | 1.0 | .5 | 1.0 | .5 | .0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.8 |
| NNW | .2 | .5 | .5 | .7 | 1.7 | .7 | .1 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 8.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | .0 |
| ALL | 2.2 | 11.4 | 43.0 | 79.4 | 79.9 | 79.4 | 2.9 | 2.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 10.2 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

013800 : CHA-LESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 Pr. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|-----|------|---|---|---|---|------|-------|-------|---------------|-------|-------|-------|-------|-----|----|-------|-----|--|------------|-----------------------|
| | | | | | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | .2 | 1.0 | | | | | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.3 | | | |
| NNE | .4 | 1.0 | | | | | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.7 | | | |
| NE | .2 | 1.7 | | | | | 1.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.5 | | | |
| NNE | .0 | 1.4 | | | | | 2.1 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 8.4 | | | |
| E | .2 | 1.0 | | | | | 4.6 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.8 | | | |
| ESE | .5 | 1.4 | | | | | 4.2 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 8.3 | | | |
| SE | .2 | 2.2 | | | | | 4.4 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 7.5 | | | |
| SSE | 1.2 | 4.1 | | | | | 7.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.9 | 7.0 | | | |
| S | .8 | 6.5 | | | | | 13.0 | 3.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 24.2 | 8.0 | | | |
| SSW | .6 | 2.9 | | | | | 6.7 | 2.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.6 | 8.4 | | | |
| SW | .2 | 1.1 | | | | | 2.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 9.0 | | | |
| WSW | .1 | .0 | | | | | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.9 | | | |
| W | .2 | .7 | | | | | .6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 7.8 | | | |
| WNW | .1 | .6 | | | | | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 6.7 | | | |
| NW | .2 | .2 | | | | | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 7.8 | | | |
| NNW | .2 | .7 | | | | | .4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 8.0 | | | |
| VAR | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | .0 | | | |
| ALL | 5.0 | 27.0 | | | | | 51.7 | 13.7 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.8 | | | |

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 32W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | - 3 | 4 | - 6 | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN | |
|----------------|------|-----|------|-----|---------------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|------------|------|--|
| | | | | | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | WIND SPEED | SPEED | | | |
| N | .6 | | 1.7 | | .8 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.7 | | | |
| NNE | .5 | | 2.0 | | 1.7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 6.6 | | | |
| NE | 1.0 | | 3.4 | | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.1 | | | |
| ENE | .2 | | 1.8 | | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 6.2 | | | |
| E | .7 | | 3.3 | | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 5.6 | | | |
| ESE | .6 | | 2.5 | | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.6 | | | |
| SE | 1.6 | | 3.2 | | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 5.1 | | | |
| SSE | 2.7 | | 4.4 | | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 5.0 | | | |
| S | 3.6 | | 10.3 | | 5.8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 20.0 | 5.6 | | | |
| SSW | 1.1 | | 6.4 | | 7.1 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.1 | 7.1 | | | |
| SW | .4 | | 2.5 | | 2.7 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 7.5 | | | |
| WSW | .2 | | 1.2 | | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.8 | | | |
| W | .6 | | 1.2 | | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.9 | | | |
| WNW | .1 | | .3 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | 5.1 | | | |
| NW | .2 | | .2 | | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | 7.3 | | | |
| NNW | .1 | | .8 | | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 6.9 | | | |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | .0 | | | |
| ALL | 14.1 | | 45.2 | | 26.7 | 4.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.7 | | | |

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1996
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL | MEAN |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|--|-------|------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >=56 | % | WIND | SPEED | | | |
| N | .9 | 2.5 | 2.0 | .7 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 6.2 | 6.8 | | | | |
| NNE | .8 | 2.3 | 2.4 | .7 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 6.3 | 7.0 | | | | |
| NE | .5 | 2.2 | 2.2 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 7.3 | | | | |
| ENE | .3 | 1.1 | 1.4 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 8.0 | | | | |
| E | .4 | 1.3 | 1.5 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.5 | | | | |
| ESE | .3 | 1.1 | 1.7 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 8.4 | | | | |
| SE | .7 | 1.5 | 2.1 | 1.2 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.8 | | | | |
| SSE | 1.1 | 2.1 | 2.7 | 1.0 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 7.0 | 7.2 | | | | |
| S | 1.5 | 4.4 | 4.8 | 2.3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 13.1 | 7.5 | | | | |
| SSW | .7 | 3.2 | 4.4 | 1.5 | .1 | .0 | .0* | .0 | .0 | .0 | .0 | 10.0 | 7.7 | | | | |
| SW | .5 | 2.5 | 3.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 7.9 | | | | |
| WSW | .2 | 1.7 | 2.6 | 1.1 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.0 | 8.3 | | | | |
| W | .4 | 1.6 | 2.5 | .8 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.4 | 8.0 | | | | |
| WNW | .4 | 1.0 | 1.2 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 7.1 | | | | |
| NW | .3 | 1.0 | .9 | .2 | .0 | .0 | .0* | .0 | .0 | .0 | .0 | 2.5 | 6.9 | | | | |
| NNW | .4 | 1.4 | 1.0 | .3 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | 3.2 | 6.8 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | .0 | | | | |
| ALL | 9.6 | 31.0 | 37.2 | 15.1 | 1.2 | .1 | .0* | .0 | .0 | .0 | .0 | 100.0 | 7.1 | | | | |

TOTAL NO. OF OBS : 10073

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 |
| UNLIMIT | 32.3 | 61.8 | 65.2 | 66.9 | 67.6 | 67.8 | 68.4 | 68.4 | 68.4 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| >=20000 | 35.5 | 67.9 | 71.5 | 73.3 | 74.1 | 74.2 | 75.0 | 75.1 | 75.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| >=18000 | 35.5 | 67.9 | 71.5 | 73.3 | 74.1 | 74.2 | 75.0 | 75.1 | 75.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| >=16000 | 35.8 | 68.2 | 71.9 | 73.6 | 74.4 | 74.6 | 75.4 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 |
| >=14000 | 37.0 | 70.0 | 73.8 | 75.6 | 76.4 | 76.6 | 77.3 | 77.4 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| >=12000 | 38.2 | 72.5 | 76.5 | 78.3 | 79.1 | 79.3 | 80.0 | 80.1 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| >=10000 | 39.4 | 74.7 | 78.9 | 80.7 | 81.6 | 81.7 | 82.5 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 |
| >= 9000 | 39.9 | 75.8 | 79.9 | 81.7 | 82.6 | 82.8 | 83.5 | 83.6 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| >= 8000 | 40.6 | 76.8 | 81.1 | 83.1 | 83.9 | 84.1 | 84.8 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 |
| >= 7000 | 41.0 | 77.7 | 82.1 | 84.1 | 85.0 | 85.1 | 85.9 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 |
| >= 6000 | 41.4 | 78.2 | 82.8 | 84.7 | 85.6 | 85.8 | 86.5 | 86.6 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 |
| >= 5000 | 42.1 | 79.3 | 83.9 | 85.9 | 86.8 | 87.0 | 87.7 | 87.8 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.5 |
| >= 4500 | 42.2 | 79.5 | 84.2 | 86.2 | 87.0 | 87.2 | 87.9 | 88.0 | 88.1 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| >= 4000 | 42.6 | 80.1 | 85.1 | 87.3 | 88.2 | 88.4 | 89.2 | 89.3 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >= 3500 | 42.8 | 80.5 | 85.5 | 87.8 | 88.7 | 88.9 | 89.7 | 89.7 | 89.9 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 |
| >= 3000 | 43.4 | 81.5 | 86.6 | 88.9 | 89.8 | 90.0 | 90.8 | 90.9 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| >= 2500 | 43.5 | 82.0 | 87.4 | 89.6 | 90.5 | 90.7 | 91.5 | 91.6 | 91.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 |
| >= 2000 | 44.0 | 83.0 | 88.4 | 90.7 | 91.7 | 91.8 | 92.4 | 92.7 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| >= 1800 | 44.4 | 83.5 | 88.9 | 91.2 | 92.1 | 92.3 | 93.1 | 93.2 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| >= 1500 | 44.5 | 84.4 | 89.8 | 92.4 | 93.3 | 93.5 | 94.4 | 94.4 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| >= 1200 | 45.0 | 85.5 | 91.0 | 93.6 | 94.6 | 94.8 | 95.6 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| >= 1000 | 45.1 | 85.9 | 91.5 | 94.3 | 95.2 | 95.4 | 96.2 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 |
| >= 900 | 45.1 | 86.2 | 91.8 | 94.6 | 95.5 | 95.7 | 96.6 | 96.7 | 96.7 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| >= 800 | 45.2 | 86.5 | 92.1 | 94.8 | 95.8 | 95.9 | 96.8 | 96.9 | 97.0 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| >= 700 | 45.2 | 86.6 | 92.1 | 95.2 | 96.2 | 96.3 | 97.2 | 97.3 | 97.4 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 |
| >= 600 | 45.2 | 86.8 | 92.4 | 95.5 | 96.6 | 96.7 | 97.7 | 97.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| >= 500 | 45.2 | 87.1 | 92.8 | 95.9 | 96.9 | 97.1 | 98.0 | 98.1 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 |
| >= 400 | 45.2 | 87.3 | 92.9 | 96.0 | 97.1 | 97.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| >= 300 | 45.2 | 87.3 | 93.0 | 96.2 | 97.2 | 97.4 | 98.4 | 98.6 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| >= 200 | 45.2 | 87.4 | 93.2 | 96.4 | 97.5 | 97.6 | 98.7 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 |
| >= 100 | 45.2 | 87.4 | 93.2 | 96.5 | 97.5 | 97.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| >= 0 | 45.2 | 87.4 | 93.2 | 96.5 | 97.5 | 97.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 24.0 | 51.6 | 56.8 | 59.7 | 60.7 | 60.8 | 61.7 | 62.4 | 62.7 | 63.1 | 63.5 | 63.5 | 64.5 | 64.5 | 64.7 | 64.9 |
| >=20000 | 26.8 | 57.1 | 62.6 | 65.7 | 66.8 | 67.0 | 68.1 | 68.9 | 69.1 | 69.6 | 69.9 | 69.9 | 70.9 | 70.9 | 71.1 | 71.3 |
| >=18000 | 27.1 | 57.4 | 63.0 | 66.2 | 67.3 | 67.4 | 68.6 | 69.3 | 69.6 | 70.1 | 70.4 | 70.4 | 71.4 | 71.4 | 71.6 | 71.8 |
| >=16000 | 27.1 | 57.6 | 63.1 | 66.3 | 67.4 | 67.6 | 68.8 | 69.5 | 69.7 | 70.2 | 70.5 | 70.5 | 71.6 | 71.6 | 71.7 | 72.0 |
| >=14000 | 28.0 | 58.9 | 64.6 | 67.8 | 68.9 | 69.1 | 70.3 | 71.0 | 71.2 | 71.7 | 72.0 | 72.0 | 73.1 | 73.1 | 73.2 | 73.5 |
| >=12000 | 29.6 | 61.6 | 67.7 | 70.9 | 72.1 | 72.3 | 73.5 | 74.2 | 74.4 | 74.9 | 75.2 | 75.2 | 76.3 | 76.3 | 76.4 | 76.6 |
| >=10000 | 30.3 | 63.1 | 69.2 | 72.5 | 73.9 | 74.1 | 75.3 | 76.0 | 76.3 | 76.7 | 77.0 | 77.0 | 78.1 | 78.1 | 78.2 | 78.5 |
| >=9000 | 30.8 | 64.3 | 70.6 | 73.9 | 75.4 | 75.6 | 76.8 | 77.5 | 77.9 | 78.2 | 78.6 | 78.6 | 79.6 | 79.6 | 79.7 | 80.0 |
| >=8000 | 31.5 | 66.2 | 72.4 | 75.8 | 77.2 | 77.4 | 78.6 | 79.3 | 79.6 | 80.1 | 80.4 | 80.4 | 81.4 | 81.4 | 81.6 | 81.8 |
| >=7000 | 32.1 | 67.0 | 73.5 | 76.9 | 78.3 | 78.6 | 79.7 | 80.5 | 80.7 | 81.2 | 81.5 | 81.5 | 82.5 | 82.5 | 82.7 | 82.9 |
| >=6000 | 32.2 | 67.7 | 74.2 | 77.6 | 79.0 | 79.3 | 80.5 | 81.2 | 81.4 | 81.9 | 82.2 | 82.2 | 83.2 | 83.2 | 83.4 | 83.6 |
| >=5000 | 32.8 | 68.8 | 75.5 | 78.9 | 80.3 | 80.5 | 81.7 | 82.4 | 82.7 | 83.2 | 83.6 | 83.6 | 84.6 | 84.6 | 84.7 | 85.0 |
| >=4500 | 33.0 | 69.5 | 76.3 | 79.7 | 81.2 | 81.4 | 82.6 | 83.3 | 83.6 | 84.1 | 84.5 | 84.5 | 85.5 | 85.5 | 85.7 | 85.9 |
| >=4000 | 33.4 | 70.1 | 76.9 | 80.4 | 81.8 | 82.0 | 83.2 | 84.0 | 84.2 | 84.7 | 85.1 | 85.1 | 86.2 | 86.2 | 86.3 | 86.6 |
| >=3500 | 33.6 | 70.7 | 77.4 | 80.9 | 82.4 | 82.6 | 83.8 | 84.5 | 84.7 | 85.3 | 85.7 | 85.7 | 86.7 | 86.7 | 86.9 | 87.1 |
| >=3000 | 34.2 | 71.3 | 78.2 | 81.7 | 83.2 | 83.5 | 84.7 | 85.4 | 85.6 | 86.2 | 86.6 | 86.6 | 87.6 | 87.6 | 87.8 | 88.0 |
| >=2500 | 34.6 | 72.0 | 79.1 | 82.8 | 84.4 | 84.7 | 85.9 | 86.6 | 86.8 | 87.4 | 87.8 | 87.8 | 88.8 | 88.8 | 89.0 | 89.2 |
| >=2000 | 34.7 | 72.3 | 79.6 | 83.5 | 85.1 | 85.3 | 86.6 | 87.3 | 87.5 | 88.1 | 88.5 | 88.5 | 89.5 | 89.5 | 89.7 | 89.9 |
| >=1800 | 34.9 | 72.4 | 79.7 | 83.6 | 85.2 | 85.5 | 86.7 | 87.5 | 87.8 | 88.3 | 88.7 | 88.7 | 89.8 | 89.8 | 89.9 | 90.2 |
| >=1500 | 35.3 | 73.7 | 81.1 | 85.0 | 86.6 | 86.8 | 88.1 | 88.9 | 89.1 | 89.7 | 90.1 | 90.1 | 91.1 | 91.1 | 91.3 | 91.5 |
| >=1200 | 35.7 | 74.7 | 82.1 | 86.1 | 87.8 | 88.1 | 89.4 | 90.2 | 90.4 | 90.9 | 91.3 | 91.3 | 92.4 | 92.4 | 92.5 | 92.8 |
| >=1000 | 35.9 | 75.2 | 82.7 | 86.7 | 88.6 | 88.8 | 90.2 | 90.9 | 91.2 | 91.7 | 92.1 | 92.1 | 93.2 | 93.2 | 93.3 | 93.6 |
| >=900 | 36.1 | 75.4 | 82.8 | 86.9 | 88.9 | 89.1 | 90.5 | 91.3 | 91.5 | 92.1 | 92.5 | 92.5 | 93.5 | 93.5 | 93.6 | 93.9 |
| >=800 | 36.3 | 75.8 | 83.3 | 87.5 | 89.5 | 89.8 | 91.1 | 92.0 | 92.2 | 92.8 | 93.2 | 93.2 | 94.2 | 94.2 | 94.4 | 94.6 |
| >=700 | 36.3 | 76.0 | 83.6 | 87.9 | 89.8 | 90.1 | 91.5 | 92.4 | 92.6 | 93.2 | 93.6 | 93.6 | 94.6 | 94.6 | 94.8 | 95.0 |
| >=600 | 36.3 | 76.0 | 83.6 | 87.9 | 89.8 | 90.2 | 91.8 | 92.7 | 92.9 | 93.5 | 93.9 | 93.9 | 94.9 | 94.9 | 95.1 | 95.3 |
| >=500 | 36.3 | 76.5 | 84.0 | 88.6 | 90.8 | 91.0 | 92.6 | 93.5 | 93.7 | 94.3 | 94.7 | 94.7 | 95.7 | 95.7 | 95.9 | 96.1 |
| >=400 | 36.3 | 76.6 | 84.2 | 88.8 | 91.3 | 91.5 | 93.3 | 94.2 | 94.4 | 95.1 | 95.5 | 95.5 | 96.5 | 96.5 | 96.7 | 96.9 |
| >=300 | 36.3 | 76.7 | 84.4 | 89.2 | 91.7 | 91.9 | 93.8 | 94.8 | 95.0 | 95.7 | 96.1 | 96.1 | 97.2 | 97.2 | 97.4 | 97.7 |
| >=200 | 36.4 | 76.8 | 84.6 | 89.4 | 92.0 | 92.2 | 94.3 | 95.2 | 95.5 | 96.3 | 96.7 | 96.7 | 97.9 | 97.9 | 98.1 | 98.6 |
| >=100 | 36.4 | 76.8 | 84.6 | 89.4 | 92.0 | 92.2 | 94.3 | 95.2 | 95.5 | 96.6 | 97.0 | 97.0 | 98.5 | 98.5 | 98.9 | 99.6 |
| >= 0 | 36.4 | 76.8 | 84.6 | 89.4 | 92.0 | 92.2 | 94.3 | 95.2 | 95.5 | 96.6 | 97.0 | 97.1 | 98.6 | 98.6 | 99.0 | 100.0 |

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 28.1 | 50.6 | 54.0 | 55.9 | 57.6 | 58.3 | 59.7 | 60.1 | 60.2 | 60.4 | 60.6 | 60.6 | 60.9 | 61.0 | 61.2 | 61.3 |
| >=20000 | 31.4 | 57.1 | 61.2 | 63.2 | 65.0 | 65.7 | 67.2 | 67.6 | 67.6 | 67.9 | 68.0 | 68.0 | 68.4 | 68.4 | 68.7 | 68.8 |
| >=18000 | 31.8 | 57.6 | 61.8 | 63.8 | 65.7 | 66.4 | 67.8 | 68.2 | 68.3 | 68.5 | 68.7 | 68.7 | 69.0 | 69.1 | 69.3 | 69.4 |
| >=16000 | 31.9 | 57.8 | 61.9 | 63.9 | 65.8 | 66.5 | 68.0 | 68.4 | 68.4 | 68.7 | 68.8 | 68.8 | 69.2 | 69.2 | 69.5 | 69.6 |
| >=14000 | 33.0 | 59.6 | 64.1 | 66.1 | 68.0 | 68.8 | 70.2 | 70.6 | 70.7 | 70.9 | 71.1 | 71.1 | 71.4 | 71.5 | 71.7 | 71.8 |
| >=12000 | 35.1 | 62.6 | 67.6 | 69.9 | 72.0 | 72.7 | 74.2 | 74.6 | 74.7 | 75.0 | 75.1 | 75.1 | 75.4 | 75.5 | 75.8 | 75.8 |
| >=10000 | 36.2 | 64.5 | 69.7 | 72.1 | 74.2 | 75.0 | 76.6 | 76.9 | 77.0 | 77.3 | 77.4 | 77.4 | 77.7 | 77.8 | 78.1 | 78.1 |
| >=9000 | 36.7 | 65.7 | 70.9 | 73.3 | 75.5 | 76.2 | 77.8 | 78.2 | 78.3 | 78.5 | 78.7 | 78.7 | 79.0 | 79.1 | 79.3 | 79.4 |
| >=8000 | 37.5 | 67.1 | 72.5 | 75.0 | 77.3 | 78.1 | 79.7 | 80.1 | 80.2 | 80.4 | 80.6 | 80.6 | 80.9 | 81.0 | 81.2 | 81.3 |
| >=7000 | 38.0 | 68.1 | 73.5 | 76.2 | 78.5 | 79.3 | 80.9 | 81.4 | 81.5 | 81.7 | 81.9 | 81.9 | 82.2 | 82.3 | 82.5 | 82.6 |
| >=6000 | 38.6 | 69.1 | 74.6 | 77.3 | 79.8 | 80.6 | 82.2 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.5 | 83.5 | 83.8 | 83.9 |
| >=5000 | 39.0 | 69.8 | 75.4 | 78.2 | 80.7 | 81.6 | 83.1 | 83.6 | 83.7 | 83.9 | 84.1 | 84.1 | 84.4 | 84.5 | 84.7 | 84.8 |
| >=4500 | 39.1 | 70.1 | 75.8 | 78.6 | 81.1 | 82.0 | 83.5 | 84.0 | 84.1 | 84.3 | 84.5 | 84.5 | 84.8 | 84.9 | 85.1 | 85.2 |
| >=4000 | 39.1 | 70.2 | 75.8 | 78.7 | 81.2 | 82.0 | 83.6 | 84.1 | 84.2 | 84.4 | 84.6 | 84.6 | 84.9 | 85.0 | 85.2 | 85.3 |
| >=3500 | 39.3 | 70.5 | 76.2 | 79.1 | 81.6 | 82.4 | 84.0 | 84.6 | 84.7 | 84.9 | 85.1 | 85.1 | 85.4 | 85.5 | 85.7 | 85.8 |
| >=3000 | 39.7 | 71.3 | 77.0 | 79.9 | 82.5 | 83.4 | 85.1 | 85.6 | 85.7 | 85.9 | 86.1 | 86.1 | 86.4 | 86.5 | 86.7 | 86.8 |
| >=2500 | 39.9 | 71.8 | 77.6 | 80.4 | 83.1 | 83.9 | 85.6 | 86.2 | 86.2 | 86.5 | 86.6 | 86.6 | 87.0 | 87.0 | 87.3 | 87.4 |
| >=2000 | 40.4 | 72.3 | 78.4 | 81.3 | 83.9 | 84.8 | 86.6 | 87.1 | 87.2 | 87.4 | 87.6 | 87.6 | 88.0 | 88.1 | 88.3 | 88.4 |
| >=1800 | 40.5 | 72.7 | 78.8 | 81.9 | 84.5 | 85.4 | 87.1 | 87.7 | 87.8 | 88.0 | 88.2 | 88.2 | 88.6 | 88.6 | 88.9 | 89.0 |
| >=1500 | 40.9 | 73.3 | 79.4 | 82.5 | 85.1 | 86.1 | 87.8 | 88.4 | 88.5 | 88.7 | 88.9 | 88.9 | 89.3 | 89.3 | 89.7 | 89.7 |
| >=1200 | 41.5 | 74.1 | 80.3 | 83.5 | 86.2 | 87.1 | 89.0 | 89.6 | 89.7 | 89.9 | 90.1 | 90.1 | 90.5 | 90.5 | 90.9 | 90.9 |
| >=1000 | 42.1 | 74.9 | 81.2 | 84.3 | 87.1 | 88.1 | 90.0 | 90.6 | 90.7 | 90.9 | 91.1 | 91.1 | 91.5 | 91.6 | 91.9 | 92.0 |
| >=900 | 42.2 | 75.2 | 81.6 | 84.7 | 87.5 | 88.6 | 90.5 | 91.1 | 91.2 | 91.4 | 91.6 | 91.6 | 92.0 | 92.1 | 92.4 | 92.4 |
| >=800 | 42.7 | 75.8 | 82.4 | 85.6 | 88.5 | 89.5 | 91.4 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.9 | 93.0 | 93.3 | 93.4 |
| >=700 | 42.8 | 76.0 | 82.8 | 86.0 | 89.0 | 90.0 | 92.1 | 92.7 | 92.8 | 93.0 | 93.2 | 93.2 | 93.6 | 93.6 | 94.0 | 94.0 |
| >=600 | 42.9 | 76.6 | 83.4 | 86.8 | 89.8 | 91.0 | 93.2 | 93.8 | 93.9 | 94.1 | 94.3 | 94.3 | 94.7 | 94.8 | 95.1 | 95.2 |
| >=500 | 43.0 | 77.1 | 83.9 | 87.5 | 90.6 | 91.9 | 94.2 | 94.8 | 94.9 | 95.2 | 95.4 | 95.4 | 95.8 | 95.9 | 96.3 | 96.3 |
| >=400 | 43.1 | 77.4 | 84.4 | 88.1 | 91.3 | 92.6 | 95.0 | 95.6 | 95.7 | 96.0 | 96.3 | 96.3 | 96.7 | 96.7 | 97.2 | 97.3 |
| >=300 | 43.2 | 77.5 | 84.8 | 88.6 | 91.9 | 93.2 | 95.6 | 96.3 | 96.4 | 96.9 | 97.1 | 97.1 | 97.6 | 97.7 | 98.2 | 98.3 |
| >=200 | 43.2 | 77.5 | 84.8 | 88.6 | 92.2 | 93.6 | 96.0 | 96.9 | 97.0 | 97.6 | 97.9 | 97.9 | 98.4 | 98.5 | 99.2 | 99.4 |
| >=100 | 43.2 | 77.5 | 84.8 | 88.6 | 92.2 | 93.6 | 96.0 | 97.0 | 97.1 | 97.8 | 98.1 | 98.1 | 98.7 | 98.9 | 99.7 | 100.0 |
| >= 0 | 43.2 | 77.5 | 84.8 | 88.6 | 92.2 | 93.6 | 96.0 | 97.0 | 97.1 | 97.8 | 98.1 | 98.1 | 98.7 | 98.9 | 99.7 | 100.0 |

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 39.0 | 52.7 | 54.1 | 54.5 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| >=20000 | 42.6 | 57.6 | 59.1 | 59.6 | 59.8 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| >=18000 | 43.0 | 58.1 | 59.6 | 60.1 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| >=16000 | 43.3 | 58.4 | 59.9 | 60.4 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| >=14000 | 44.4 | 59.7 | 61.4 | 61.9 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| >=12000 | 45.7 | 61.9 | 63.7 | 64.1 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| >=10000 | 47.2 | 64.8 | 66.5 | 67.2 | 67.6 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| >=9000 | 47.7 | 65.4 | 67.1 | 67.9 | 68.3 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| >=8000 | 48.3 | 66.5 | 68.3 | 69.0 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| >=7000 | 48.7 | 66.9 | 68.7 | 69.4 | 69.9 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| >=6000 | 48.7 | 67.2 | 69.0 | 69.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| >=5000 | 49.3 | 67.8 | 69.7 | 70.5 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| >=4500 | 49.5 | 68.1 | 70.0 | 70.8 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| >=4000 | 50.0 | 68.7 | 70.6 | 71.3 | 71.8 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| >=3500 | 51.5 | 70.3 | 72.2 | 73.1 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| >=3000 | 53.9 | 73.3 | 75.2 | 76.1 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| >=2500 | 57.5 | 78.0 | 80.2 | 81.0 | 81.5 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| >=2000 | 61.7 | 83.3 | 85.7 | 86.6 | 87.1 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| >=1800 | 63.1 | 85.0 | 87.5 | 88.5 | 89.0 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >=1500 | 64.9 | 87.9 | 90.4 | 91.7 | 92.1 | 92.6 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| >=1200 | 66.1 | 90.0 | 92.6 | 94.0 | 94.6 | 95.1 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| >=1000 | 66.7 | 91.0 | 93.7 | 95.1 | 95.7 | 96.3 | 96.6 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| >=900 | 66.7 | 91.3 | 94.2 | 95.6 | 96.3 | 96.9 | 97.2 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=800 | 66.7 | 91.5 | 94.4 | 96.0 | 96.6 | 97.2 | 97.6 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| >=700 | 66.8 | 91.8 | 94.7 | 96.3 | 97.0 | 97.6 | 98.0 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=600 | 66.8 | 92.0 | 94.8 | 96.5 | 97.5 | 98.1 | 98.7 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=500 | 66.8 | 92.2 | 95.1 | 96.7 | 97.8 | 98.4 | 99.1 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 66.8 | 92.4 | 95.2 | 96.9 | 97.9 | 98.6 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=300 | 66.8 | 92.4 | 95.2 | 96.9 | 97.9 | 98.6 | 99.3 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=200 | 66.8 | 92.4 | 95.2 | 96.9 | 97.9 | 98.6 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 66.8 | 92.4 | 95.2 | 96.9 | 97.9 | 98.6 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=0 | 66.8 | 92.4 | 95.2 | 96.9 | 97.9 | 98.6 | 99.3 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUN
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 34.1 | 45.2 | 46.7 | 47.2 | 47.2 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| >=20000 | 38.1 | 51.1 | 52.7 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| >=18000 | 38.4 | 51.4 | 53.0 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| >=16000 | 38.6 | 51.6 | 53.3 | 53.8 | 53.8 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| >=14000 | 39.5 | 52.5 | 54.4 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| >=12000 | 41.1 | 54.8 | 56.7 | 57.6 | 57.6 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| >=10000 | 42.3 | 56.7 | 58.7 | 59.6 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| >= 9000 | 42.4 | 57.1 | 59.1 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| >= 8000 | 43.2 | 58.7 | 60.8 | 61.7 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| >= 7000 | 43.6 | 59.5 | 61.5 | 62.4 | 62.4 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| >= 6000 | 44.3 | 60.4 | 62.5 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| >= 5000 | 45.5 | 62.0 | 64.1 | 64.9 | 64.9 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| >= 4500 | 47.1 | 64.0 | 66.1 | 66.9 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| >= 4000 | 50.1 | 67.8 | 69.9 | 70.8 | 70.8 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| >= 3500 | 54.1 | 72.7 | 74.9 | 75.8 | 75.8 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| >= 3000 | 59.2 | 79.0 | 81.6 | 82.8 | 82.8 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| >= 2500 | 62.7 | 84.7 | 87.4 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >= 2000 | 65.4 | 88.7 | 91.7 | 93.6 | 93.6 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| >= 1800 | 65.7 | 89.3 | 92.2 | 94.1 | 94.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| >= 1500 | 66.1 | 90.3 | 93.6 | 95.5 | 95.5 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| >= 1200 | 66.5 | 91.1 | 94.4 | 96.7 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >= 1000 | 66.7 | 91.6 | 95.2 | 97.4 | 97.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >= 900 | 66.7 | 91.7 | 95.2 | 97.6 | 97.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| >= 800 | 66.7 | 91.7 | 95.2 | 97.6 | 97.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| >= 700 | 66.7 | 91.7 | 95.3 | 97.7 | 97.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| >= 600 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 500 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 400 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 300 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 200 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 100 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 0 | 66.7 | 91.7 | 95.4 | 97.8 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HCUPLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 38.7 | 52.3 | 54.4 | 55.6 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| >=20000 | 46.0 | 61.5 | 64.3 | 65.6 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=18000 | 46.0 | 61.8 | 64.6 | 65.9 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 |
| >=16000 | 46.3 | 62.1 | 64.8 | 66.1 | 66.3 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 |
| >=14000 | 46.8 | 63.0 | 65.9 | 67.2 | 67.5 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 |
| >=12000 | 48.4 | 65.2 | 68.3 | 69.8 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 |
| >=10000 | 49.7 | 67.1 | 70.2 | 71.7 | 72.1 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 |
| >=9000 | 50.2 | 67.7 | 70.9 | 72.3 | 72.8 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 |
| >=8000 | 51.4 | 69.5 | 72.8 | 74.2 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 |
| >=7000 | 52.1 | 70.8 | 74.1 | 75.6 | 76.2 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 |
| >=6000 | 52.5 | 71.4 | 74.8 | 76.3 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 |
| >=5000 | 53.5 | 72.9 | 76.4 | 78.0 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 |
| >=4500 | 54.4 | 74.4 | 77.9 | 79.5 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 |
| >=4000 | 55.6 | 76.3 | 80.0 | 81.7 | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 |
| >=3500 | 56.7 | 79.2 | 82.1 | 84.0 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 |
| >=3000 | 59.3 | 82.2 | 86.7 | 88.7 | 89.4 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 |
| >=2500 | 60.9 | 84.8 | 89.4 | 91.7 | 92.5 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 |
| >=2000 | 62.3 | 87.2 | 91.9 | 94.5 | 95.4 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 |
| >=1800 | 62.6 | 87.8 | 92.5 | 95.2 | 96.0 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 |
| >=1500 | 62.9 | 88.5 | 93.3 | 96.0 | 97.0 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=1200 | 63.1 | 89.9 | 93.8 | 96.5 | 97.5 | 97.5 | 98.1 | 98.2 | 98.3 | 98.3 |
| >=1000 | 63.2 | 89.0 | 93.9 | 96.6 | 97.7 | 97.9 | 98.5 | 98.6 | 98.7 | 98.7 |
| >=900 | 63.2 | 89.0 | 94.0 | 96.7 | 97.8 | 97.9 | 98.7 | 98.8 | 98.9 | 98.9 |
| >=800 | 63.2 | 89.0 | 94.0 | 96.7 | 97.8 | 98.0 | 98.8 | 98.9 | 99.0 | 99.0 |
| >=700 | 63.2 | 89.0 | 94.1 | 96.8 | 97.9 | 98.2 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=600 | 63.3 | 89.1 | 94.2 | 96.9 | 98.0 | 98.3 | 99.1 | 99.1 | 99.2 | 99.2 |
| >=500 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.4 | 99.2 | 99.3 | 99.4 | 99.4 |
| >=400 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.5 | 99.3 | 99.4 | 99.5 | 99.6 |
| >=300 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.5 | 99.3 | 99.4 | 99.5 | 99.6 |
| >=200 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.5 | 99.3 | 99.4 | 99.5 | 99.6 |
| >=100 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.5 | 99.3 | 99.4 | 99.5 | 99.6 |
| >=0 | 63.3 | 89.1 | 94.2 | 96.9 | 98.1 | 98.5 | 99.3 | 99.4 | 99.5 | 99.6 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHAPLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 38.4 | 55.3 | 58.1 | 59.5 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| >=20000 | 46.6 | 66.3 | 70.1 | 72.0 | 72.1 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| >=18000 | 46.6 | 66.8 | 70.5 | 72.4 | 72.6 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| >=16000 | 47.1 | 67.2 | 70.9 | 72.8 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| >=14000 | 48.6 | 69.4 | 73.2 | 75.1 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| >=12000 | 50.8 | 72.4 | 76.6 | 78.7 | 78.9 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| >=10000 | 53.1 | 76.0 | 80.2 | 82.4 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| >=9000 | 53.7 | 76.9 | 81.2 | 83.4 | 83.6 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >=8000 | 54.1 | 78.7 | 83.0 | 85.4 | 85.7 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| >=7000 | 54.8 | 79.7 | 84.0 | 86.3 | 86.7 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=6000 | 55.1 | 80.5 | 84.8 | 87.2 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| >=5000 | 55.7 | 81.5 | 85.9 | 88.4 | 88.8 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| >=4500 | 55.9 | 81.8 | 86.3 | 88.7 | 89.1 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| >=4000 | 56.7 | 83.0 | 87.5 | 90.1 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| >=3500 | 57.1 | 83.8 | 88.4 | 91.0 | 91.4 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| >=3000 | 57.4 | 84.3 | 88.9 | 91.6 | 92.0 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| >=2500 | 57.8 | 85.0 | 89.6 | 92.3 | 92.8 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| >=2000 | 58.1 | 85.9 | 90.6 | 93.5 | 94.0 | 94.4 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=1800 | 58.4 | 86.3 | 91.0 | 93.9 | 94.4 | 94.8 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| >=1500 | 58.9 | 87.3 | 92.3 | 95.2 | 95.7 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| >=1200 | 59.6 | 88.1 | 93.2 | 96.0 | 96.6 | 97.1 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=1000 | 59.7 | 88.3 | 93.6 | 96.4 | 97.1 | 97.5 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >=900 | 59.7 | 88.4 | 93.6 | 96.6 | 97.2 | 97.7 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=800 | 59.9 | 88.8 | 94.0 | 97.0 | 97.6 | 98.2 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=700 | 59.9 | 88.9 | 94.1 | 97.1 | 97.7 | 98.3 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| >=600 | 59.9 | 89.0 | 94.3 | 97.3 | 98.0 | 98.6 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=500 | 59.9 | 89.1 | 94.4 | 97.4 | 98.1 | 98.6 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 59.9 | 89.1 | 94.4 | 97.4 | 98.1 | 98.7 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=300 | 59.9 | 89.1 | 94.4 | 97.5 | 98.2 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=200 | 59.9 | 89.1 | 94.4 | 97.5 | 98.2 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=100 | 59.9 | 89.1 | 94.4 | 97.5 | 98.2 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 59.9 | 89.1 | 94.4 | 97.5 | 98.2 | 98.8 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 41.0 | 63.2 | 65.4 | 66.4 | 66.8 | 66.9 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=20000 | 45.5 | 71.5 | 74.2 | 75.2 | 75.7 | 75.8 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 |
| >=18000 | 45.6 | 71.7 | 74.3 | 75.4 | 75.8 | 75.9 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 |
| >=16000 | 45.7 | 71.8 | 74.4 | 75.4 | 75.9 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 |
| >=14000 | 47.3 | 73.8 | 76.5 | 77.5 | 78.0 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 |
| >=12000 | 49.5 | 77.1 | 79.9 | 81.0 | 81.6 | 81.6 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 |
| >=10000 | 50.5 | 79.2 | 82.0 | 83.2 | 83.9 | 83.9 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| >=9000 | 51.0 | 80.4 | 83.1 | 84.4 | 85.1 | 85.1 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 |
| >=8000 | 51.7 | 81.7 | 84.5 | 85.9 | 86.5 | 86.5 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=7000 | 52.5 | 82.8 | 85.8 | 87.1 | 87.8 | 87.9 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 |
| >=6000 | 52.7 | 83.1 | 86.1 | 87.4 | 88.2 | 88.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 |
| >=5000 | 53.1 | 84.0 | 87.0 | 88.6 | 89.3 | 89.3 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 |
| >=4500 | 53.4 | 84.5 | 87.6 | 89.1 | 89.8 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 |
| >=4000 | 53.7 | 85.4 | 88.5 | 90.1 | 90.9 | 91.0 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=3500 | 53.7 | 85.6 | 88.7 | 90.5 | 91.3 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 |
| >=3000 | 54.1 | 86.4 | 89.6 | 91.5 | 92.3 | 92.4 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| >=2500 | 54.4 | 87.1 | 90.5 | 92.5 | 93.4 | 93.5 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| >=2000 | 54.5 | 87.8 | 91.7 | 93.6 | 94.5 | 94.6 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=1800 | 54.9 | 88.5 | 92.4 | 94.4 | 95.2 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| >=1500 | 55.2 | 89.3 | 93.3 | 95.4 | 96.3 | 96.5 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| >=1200 | 55.2 | 90.0 | 94.0 | 96.2 | 97.1 | 97.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| >=1000 | 55.4 | 90.5 | 94.8 | 97.0 | 97.9 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| >=900 | 55.4 | 90.5 | 94.8 | 97.1 | 98.0 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| >=800 | 55.4 | 90.6 | 94.9 | 97.1 | 98.2 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=700 | 55.4 | 90.8 | 95.2 | 97.4 | 98.4 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=600 | 55.4 | 90.9 | 95.3 | 97.5 | 98.6 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=500 | 55.4 | 91.0 | 95.5 | 97.7 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 55.4 | 91.0 | 95.5 | 97.7 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=300 | 55.4 | 91.0 | 95.5 | 97.7 | 98.9 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=200 | 55.4 | 91.0 | 95.5 | 97.7 | 99.0 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=100 | 55.4 | 91.0 | 95.5 | 97.8 | 99.0 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 0 | 55.4 | 91.0 | 95.5 | 97.8 | 99.0 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 34.4 | 54.1 | 56.8 | 58.2 | 58.8 | 59.0 | 59.4 | 59.6 | 59.6 | 59.7 |
| >=20000 | 39.0 | 61.3 | 64.5 | 66.0 | 66.6 | 66.8 | 67.3 | 67.4 | 67.5 | 67.6 |
| >=18000 | 39.3 | 61.6 | 64.8 | 66.3 | 66.9 | 67.1 | 67.6 | 67.8 | 67.8 | 68.0 |
| >=16000 | 39.5 | 61.8 | 65.0 | 66.6 | 67.2 | 67.4 | 67.9 | 68.0 | 68.1 | 68.2 |
| >=14000 | 40.6 | 63.4 | 66.7 | 68.3 | 68.9 | 69.2 | 69.7 | 69.8 | 69.9 | 70.0 |
| >=12000 | 42.3 | 66.0 | 69.6 | 71.3 | 72.0 | 72.2 | 72.7 | 72.9 | 72.9 | 73.0 |
| >=10000 | 43.6 | 68.3 | 71.9 | 73.7 | 74.4 | 74.7 | 75.2 | 75.4 | 75.4 | 75.5 |
| >= 9000 | 44.1 | 69.1 | 72.9 | 74.6 | 75.4 | 75.7 | 76.2 | 76.3 | 76.4 | 76.5 |
| >= 8000 | 44.8 | 70.7 | 74.4 | 76.3 | 77.1 | 77.3 | 77.9 | 78.0 | 78.1 | 78.2 |
| >= 7000 | 45.3 | 71.6 | 75.4 | 77.3 | 78.1 | 78.4 | 78.9 | 79.1 | 79.1 | 79.2 |
| >= 6000 | 45.7 | 72.2 | 76.1 | 78.0 | 78.9 | 79.1 | 79.7 | 79.8 | 79.9 | 80.0 |
| >= 5000 | 46.4 | 73.3 | 77.2 | 79.2 | 80.1 | 80.3 | 80.9 | 81.0 | 81.1 | 81.2 |
| >= 4500 | 46.8 | 74.0 | 78.0 | 80.0 | 80.8 | 81.1 | 81.6 | 81.8 | 81.9 | 82.0 |
| >= 4000 | 47.7 | 75.2 | 79.3 | 81.3 | 82.2 | 82.5 | 83.0 | 83.2 | 83.3 | 83.4 |
| >= 3500 | 48.6 | 76.5 | 80.7 | 82.8 | 83.7 | 84.0 | 84.5 | 84.7 | 84.8 | 84.9 |
| >= 3000 | 50.1 | 78.7 | 83.0 | 85.1 | 86.1 | 86.4 | 87.0 | 87.2 | 87.2 | 87.3 |
| >= 2500 | 51.4 | 80.7 | 85.1 | 87.4 | 88.4 | 88.7 | 89.4 | 89.6 | 89.6 | 89.7 |
| >= 2000 | 52.6 | 82.6 | 87.2 | 89.7 | 90.7 | 91.0 | 91.7 | 91.9 | 92.0 | 92.1 |
| >= 1800 | 53.0 | 83.2 | 87.9 | 90.3 | 91.4 | 91.7 | 92.4 | 92.6 | 92.7 | 92.8 |
| >= 1500 | 53.6 | 84.3 | 89.2 | 91.7 | 92.8 | 93.1 | 93.9 | 94.1 | 94.1 | 94.3 |
| >= 1200 | 54.1 | 85.3 | 90.2 | 92.8 | 94.0 | 94.3 | 95.1 | 95.3 | 95.4 | 95.5 |
| >= 1000 | 54.3 | 85.8 | 90.8 | 93.5 | 94.7 | 95.0 | 95.8 | 96.1 | 96.2 | 96.3 |
| >= 900 | 54.4 | 86.0 | 91.0 | 93.7 | 94.9 | 95.3 | 96.2 | 96.5 | 96.5 | 96.7 |
| >= 800 | 54.5 | 86.2 | 91.3 | 94.0 | 95.3 | 95.7 | 96.6 | 96.9 | 96.9 | 97.1 |
| >= 700 | 54.5 | 86.3 | 91.5 | 94.3 | 95.5 | 96.0 | 96.9 | 97.2 | 97.2 | 97.4 |
| >= 600 | 54.6 | 86.5 | 91.7 | 94.5 | 95.9 | 96.3 | 97.3 | 97.6 | 97.6 | 97.8 |
| >= 500 | 54.6 | 86.7 | 91.9 | 94.8 | 96.2 | 96.7 | 97.7 | 98.0 | 98.3 | 98.6 |
| >= 400 | 54.6 | 86.8 | 92.0 | 94.9 | 96.4 | 96.9 | 97.9 | 98.3 | 98.6 | 98.7 |
| >= 300 | 54.6 | 86.9 | 92.1 | 95.1 | 96.5 | 97.0 | 98.1 | 98.5 | 98.8 | 99.0 |
| >= 200 | 54.6 | 86.9 | 92.2 | 95.2 | 96.7 | 97.1 | 98.3 | 98.7 | 99.1 | 99.2 |
| >= 100 | 54.6 | 86.9 | 92.2 | 95.2 | 96.7 | 97.2 | 98.3 | 98.7 | 99.2 | 99.3 |
| >= 0 | 54.6 | 86.9 | 92.2 | 95.2 | 96.7 | 97.2 | 98.3 | 98.7 | 99.2 | 99.3 |

TOTAL NO. OF OBS : 10070

1 - SURFACE WINDS

U13680 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N | 1.7 | 2.8 | 1.3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 4.6 |
| NNE | 1.6 | 3.8 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 5.0 |
| NE | .8 | 2.4 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 5.1 |
| ENE | .8 | 1.2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 4.7 |
| E | .3 | 1.2 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.4 |
| ESE | .6 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 4.5 |
| SE | 1.1 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 4.1 |
| SSE | 1.4 | 2.3 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 5.2 |
| S | 3.6 | 6.6 | 2.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.1 | 5.0 |
| SSW | 2.2 | 6.0 | 3.8 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.7 | 6.0 |
| SW | 1.5 | 5.2 | 5.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.7 | 6.6 |
| WSW | .4 | 3.1 | 3.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.4 |
| W | .8 | 1.8 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.4 |
| WNW | .2 | .9 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.1 |
| NW | .3 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 5.0 |
| NNW | 1.1 | 2.1 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 4.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.1 | .0 |
| ALL | 16.4 | 44.9 | 27.4 | 3.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 4.8 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 2.2 | 3.8 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 4.9 |
| NNE | 1.4 | 3.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 5.1 |
| NE | 1.5 | 2.2 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 5.0 |
| NNE | .6 | .9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 4.5 |
| E | 1.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 3.3 |
| ESE | .4 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 4.8 |
| SE | 1.0 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 3.7 |
| SSE | 1.0 | 2.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 4.7 |
| S | 2.6 | 4.6 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 4.4 |
| SSW | 1.7 | 6.0 | 2.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 5.7 |
| SW | .5 | 4.8 | 5.7 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.6 | 6.8 |
| WSW | 1.4 | 3.7 | 3.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 6.1 |
| W | 1.5 | 3.2 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 5.6 |
| WNW | .4 | 1.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.5 |
| NW | .7 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 4.5 |
| NNW | 1.3 | 2.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 4.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 15.4 | .0 |
| ALL | 19.2 | 43.3 | 20.4 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 4.5 |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 |
|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|--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|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|

TOTAL NO. OF OBS : 1302

NOTES : # = PERCENT < .05

U1386C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | - 3 | 4 | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >56 | TOTAL | MEAN |
|--------|-----|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|
| DIR. | | | | | | | | | | | | | | Σ | WIND SPEED |
| N | .4 | | 2.6 | | 2.3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 6.8 |
| NNE | .2 | | 1.3 | | 2.6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.5 |
| NE | .6 | | 1.6 | | 7.1 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.7 |
| ENE | .3 | | 1.6 | | 2.1 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 7.8 |
| E | .4 | | 1.2 | | 2.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 7.7 |
| ESE | .4 | | 1.0 | | 1.4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.9 |
| SE | .2 | | .5 | | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.0 |
| SSE | .1 | | 1.2 | | 1.9 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 7.4 |
| S | .3 | | 2.4 | | 2.6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 6.8 |
| SSW | .3 | | 2.9 | | 4.8 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 7.8 |
| SW | .8 | | 3.5 | | 7.1 | 3.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 14.6 | 8.4 |
| WSW | .2 | | 2.7 | | 7.4 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 12.7 | 8.4 |
| W | .5 | | 2.5 | | 5.4 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.9 | 8.0 |
| WNW | .3 | | 1.5 | | 2.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.1 |
| NW | .6 | | 1.7 | | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 6.0 |
| NNW | .2 | | 1.6 | | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.3 |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | .0 |
| ALL | 6.0 | | 29.9 | | 49.2 | 12.3 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.5 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|----|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | | |
| N | .5 | 1.6 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.0 |
| NNE | .3 | 1.1 | 1.6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.7 |
| NE | .2 | 1.0 | 1.5 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 8.5 |
| ENE | .0 | .7 | 1.5 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 9.3 |
| E | .3 | .7 | 1.9 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 9.6 |
| ESE | .3 | 1.8 | 2.2 | 2.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 8.8 |
| SE | .1 | 1.7 | 2.1 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 9.1 |
| SSE | .2 | 1.5 | 2.5 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 9.1 |
| S | .5 | 2.1 | 6.5 | 2.8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.5 | 9.2 |
| SSW | .5 | 2.8 | 6.1 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.7 | 8.5 |
| SW | .3 | 2.5 | 5.5 | 3.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.3 | 8.7 |
| WSW | .2 | 2.3 | 4.2 | 2.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 9.2 |
| W | .4 | .9 | 4.5 | 1.8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 8.9 |
| WNW | .2 | 1.2 | 1.8 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.2 |
| NW | .0 | .7 | 1.1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 8.0 |
| NNW | .1 | 1.2 | 1.0 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 7.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .0 |
| ALL | 4.0 | 23.6 | 46.1 | 24.3 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.7 |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | -3 | 4 | -6 | 7-10 | 11-16 | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|-----|------|------|------|------|-------|---------------|-------|-------|-------|-------|-------|------|----|----|-------|---------|-----------------|
| | | | | | | | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | |
| N | .1 | | 1.0 | | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 7.2 | |
| NNE | .1 | | .4 | | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 8.4 | |
| NE | .2 | | .5 | | 1.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 7.8 | |
| ENE | .4 | | .4 | | 1.2 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 8.8 | |
| E | .1 | | 1.4 | | 2.1 | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 9.6 | |
| ESE | .2 | | .9 | | 3.1 | 2.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.6 | |
| SE | .4 | | 1.6 | | 5.1 | 2.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 8.9 | |
| SSE | .4 | | 1.6 | | 5.8 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.8 | 9.5 | |
| S | .4 | | 1.6 | | 8.1 | 10.1 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 21.0 | 10.7 | |
| SSW | .2 | | .9 | | 6.6 | 4.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.8 | 10.2 | |
| SW | .1 | | 1.2 | | 2.7 | 2.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 10.2 | |
| WSW | .2 | | .9 | | 2.8 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 8.5 | |
| W | .3 | | .6 | | 2.1 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.0 | |
| WNW | .0 | | .5 | | 1.2 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 8.6 | |
| NW | .1 | | .5 | | .9 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 8.9 | |
| NNW | .1 | | .4 | | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 8.2 | |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .0 | |
| ALL | 3.1 | 14.5 | 46.0 | 33.2 | 2.2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 9.5 | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL | | MEAN | |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | % | WIND | SPEED |
| N | .2 | 1.1 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.4 | |
| NNE | .2 | .7 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 6.8 | |
| NE | .4 | 1.4 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.6 | |
| ENE | .3 | .8 | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 7.7 | |
| E | .4 | 1.8 | 3.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.6 | |
| ESE | .5 | 1.9 | 2.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 6.7 | |
| SE | .8 | 3.2 | 3.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 6.5 | |
| SSE | 1.4 | 4.1 | 4.7 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.7 | 6.6 | |
| S | .8 | 7.8 | 15.4 | 3.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 28.1 | 8.0 | |
| SSW | .5 | 3.9 | 8.7 | 3.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 16.6 | 8.4 | |
| SW | .7 | 1.8 | 3.1 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 7.3 | |
| WSW | .0 | 1.2 | 1.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 8.0 | |
| W | .3 | 1.2 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.0 | |
| WNW | .1 | .3 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 7.8 | |
| NW | .0 | .5 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .7 | 8.0 | |
| NNW | .1 | .5 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 7.7 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | .0 | |
| ALL | 6.8 | 32.2 | 47.1 | 11.6 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.4 | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | - | 3 | 4 | - | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | % | MEAN |
|--------|------|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---|-------|
| DIR. | | | | | | | | | | | | | | | | | | SPEED |
| N | .9 | | | 1.2 | | | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | | 4.8 |
| NNE | .6 | | | 3.1 | | | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | | 4.9 |
| NE | .9 | | | 2.3 | | | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | | 5.5 |
| ENE | .2 | | | 2.2 | | | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | | 5.5 |
| E | .7 | | | 2.2 | | | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | | 5.0 |
| ESE | .5 | | | 2.1 | | | .3 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 3.0 | | 5.3 |
| SE | .8 | | | 3.5 | | | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | | 4.9 |
| SSE | 1.5 | | | 4.3 | | | 1.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | | 5.2 |
| S | 3.0 | | | 13.2 | | | 5.6 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 23.0 | | 5.8 |
| SSW | 1.7 | | | 7.6 | | | 7.2 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 17.7 | | 6.6 |
| SW | .7 | | | 4.1 | | | 2.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | | 6.5 |
| WSW | .4 | | | 2.2 | | | 1.4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | | 6.4 |
| W | .2 | | | .9 | | | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | | 7.0 |
| WNW | .4 | | | 1.0 | | | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | | 5.2 |
| NW | .3 | | | .3 | | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .8 | | 4.8 |
| NNW | .5 | | | .3 | | | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | | 5.1 |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | .0 |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | | .0 |
| ALL | 13.4 | | | 50.6 | | | 23.6 | 4.1 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | 100.0 | | 5.3 |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | - | 3 | 4 | - | 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | | | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|---|---|------|---|---|------|-------|-------|---------------|-------|-------|-------|-------|----|----|-------|---------|-----------------|
| | | | | | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | | | |
| N | .9 | | | 2.2 | | | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 5.8 | |
| NNE | .7 | | | 2.3 | | | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.0 | |
| NE | .7 | | | 1.7 | | | 1.6 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 6.6 | |
| ENE | .4 | | | 1.2 | | | 1.1 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 6.9 | |
| E | .5 | | | 1.3 | | | 1.3 | .7 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.5 | |
| ESE | .5 | | | 1.2 | | | 1.3 | .6 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.4 | |
| SE | .6 | | | 1.8 | | | 1.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.9 | |
| SSE | .9 | | | 2.2 | | | 2.3 | .9 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 7.1 | |
| S | 1.5 | | | 5.2 | | | 5.4 | 2.4 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 14.7 | 7.4 | |
| SSW | 1.0 | | | 4.5 | | | 5.2 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.7 | 7.5 | |
| SW | .7 | | | 3.4 | | | 4.8 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 7.7 | |
| WSW | .4 | | | 2.6 | | | 4.0 | 1.0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 7.6 | |
| W | .6 | | | 1.8 | | | 2.5 | .7 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 7.4 | |
| WNW | .2 | | | 1.1 | | | 1.0 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 6.9 | |
| NW | .3 | | | .9 | | | .5 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.1 | |
| NNW | .5 | | | 1.3 | | | .7 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 5.8 | |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | .0 | |
| ALL | 10.5 | | | 34.6 | | | 36.1 | 11.9 | .7 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.7 | |

TOTAL NO. OF OBS : 10416

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 36.1 | 60.1 | 64.4 | 66.7 | 67.7 | 67.7 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| >=20000 | 39.9 | 67.3 | 71.9 | 74.3 | 75.5 | 75.5 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| >=18000 | 40.2 | 67.5 | 72.1 | 74.6 | 75.7 | 75.7 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| >=16000 | 40.7 | 68.1 | 72.7 | 75.2 | 76.3 | 76.3 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| >=14000 | 42.9 | 70.9 | 75.6 | 78.3 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| >=12000 | 44.9 | 74.3 | 79.1 | 82.0 | 83.3 | 83.3 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >=10000 | 46.4 | 77.0 | 82.0 | 85.1 | 86.4 | 86.4 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=9000 | 46.9 | 78.1 | 83.3 | 86.3 | 87.6 | 87.6 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| >=8000 | 47.4 | 79.3 | 84.5 | 87.6 | 88.9 | 88.9 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >=7000 | 48.1 | 80.1 | 85.4 | 88.5 | 89.9 | 89.9 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=6000 | 48.4 | 80.9 | 86.3 | 89.5 | 90.9 | 90.9 | 91.4 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=5000 | 49.0 | 82.0 | 87.3 | 90.6 | 92.0 | 92.0 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| >=4500 | 49.1 | 82.4 | 87.8 | 91.0 | 92.5 | 92.5 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| >=4000 | 49.2 | 82.7 | 88.1 | 91.5 | 93.0 | 93.0 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| >=3500 | 49.2 | 82.9 | 88.2 | 91.6 | 93.2 | 93.2 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| >=3000 | 49.3 | 83.2 | 88.6 | 92.0 | 93.6 | 93.6 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| >=2500 | 49.5 | 83.5 | 89.1 | 92.6 | 94.3 | 94.4 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=2000 | 49.5 | 84.3 | 89.9 | 93.5 | 95.2 | 95.2 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| >=1800 | 49.7 | 84.6 | 90.2 | 93.9 | 95.5 | 95.6 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| >=1500 | 49.9 | 85.4 | 91.1 | 94.7 | 96.4 | 96.5 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| >=1200 | 50.0 | 85.8 | 91.6 | 95.2 | 97.0 | 97.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| >=1000 | 50.1 | 85.9 | 91.7 | 95.3 | 97.2 | 97.2 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| >=900 | 50.1 | 85.9 | 91.7 | 95.3 | 97.2 | 97.3 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=800 | 50.1 | 85.9 | 91.7 | 95.4 | 97.3 | 97.5 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| >=700 | 50.1 | 86.1 | 91.9 | 95.6 | 97.6 | 97.8 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| >=600 | 50.2 | 86.3 | 92.2 | 95.9 | 97.9 | 98.1 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=500 | 50.2 | 86.6 | 92.5 | 96.2 | 98.2 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >=400 | 50.2 | 86.7 | 92.6 | 96.4 | 98.5 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=300 | 50.2 | 86.9 | 92.8 | 96.6 | 98.8 | 98.9 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=200 | 50.2 | 86.9 | 92.8 | 96.6 | 98.8 | 98.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 50.2 | 86.9 | 92.8 | 96.6 | 98.8 | 98.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= U | 50.2 | 86.9 | 92.8 | 96.6 | 98.8 | 98.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13850 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUL
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >6 | >5 | >4 | >3 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 30.9 | 58.3 | 63.4 | 67.1 | 68.6 | 68.7 | 69.5 | 69.7 | 70.1 | 70.2 | 70.2 | 70.7 | 70.8 | 71.0 | 71.0 |
| >=20000 | 33.3 | 63.3 | 69.1 | 73.2 | 74.7 | 75.0 | 75.8 | 76.0 | 76.4 | 76.5 | 76.5 | 77.0 | 77.1 | 77.3 | 77.3 |
| >=18000 | 33.4 | 63.4 | 69.2 | 73.3 | 74.8 | 75.0 | 75.9 | 76.0 | 76.5 | 76.6 | 76.6 | 77.0 | 77.2 | 77.3 | 77.4 |
| >=16000 | 33.6 | 63.7 | 69.5 | 73.6 | 75.1 | 75.3 | 76.2 | 76.3 | 76.8 | 76.9 | 76.9 | 77.3 | 77.5 | 77.6 | 77.7 |
| >=14000 | 34.9 | 65.5 | 71.4 | 75.7 | 77.3 | 77.6 | 78.4 | 78.6 | 79.0 | 79.1 | 79.1 | 79.6 | 79.7 | 79.9 | 80.0 |
| >=12000 | 35.9 | 68.4 | 74.4 | 78.7 | 80.3 | 80.6 | 81.4 | 81.6 | 82.0 | 82.1 | 82.1 | 82.6 | 82.7 | 82.9 | 82.9 |
| >=10000 | 37.4 | 71.0 | 77.1 | 81.5 | 83.1 | 83.3 | 84.2 | 84.3 | 84.9 | 84.9 | 84.9 | 85.4 | 85.6 | 85.7 | 85.8 |
| >=9000 | 37.8 | 72.1 | 78.3 | 82.6 | 84.4 | 84.6 | 85.5 | 85.6 | 86.2 | 86.3 | 86.3 | 86.7 | 86.9 | 87.0 | 87.1 |
| >=8000 | 38.2 | 73.0 | 79.3 | 83.7 | 85.6 | 85.8 | 86.6 | 86.8 | 87.3 | 87.4 | 87.4 | 87.9 | 88.0 | 88.2 | 88.2 |
| >=7000 | 38.8 | 74.1 | 80.5 | 84.9 | 86.8 | 87.0 | 87.9 | 88.0 | 88.6 | 88.6 | 88.6 | 89.1 | 89.2 | 89.4 | 89.5 |
| >=6000 | 39.0 | 74.7 | 81.2 | 85.6 | 87.6 | 87.8 | 88.6 | 88.8 | 89.3 | 89.4 | 89.4 | 89.9 | 90.0 | 90.2 | 90.2 |
| >=5000 | 39.3 | 75.4 | 81.9 | 86.4 | 88.5 | 88.7 | 89.6 | 89.7 | 90.2 | 90.3 | 90.3 | 90.8 | 90.9 | 91.1 | 91.2 |
| >=4500 | 39.6 | 76.0 | 82.6 | 87.2 | 89.2 | 89.5 | 90.3 | 90.5 | 91.0 | 91.1 | 91.1 | 91.6 | 91.7 | 91.9 | 91.9 |
| >=4000 | 39.7 | 76.3 | 82.9 | 87.5 | 89.6 | 89.9 | 90.7 | 90.9 | 91.4 | 91.5 | 91.5 | 91.9 | 92.1 | 92.2 | 92.3 |
| >=3500 | 39.8 | 76.6 | 83.3 | 87.8 | 89.9 | 90.2 | 91.0 | 91.2 | 91.7 | 91.8 | 91.8 | 92.2 | 92.4 | 92.5 | 92.6 |
| >=3000 | 40.0 | 77.2 | 83.9 | 88.4 | 90.6 | 90.8 | 91.6 | 91.8 | 92.3 | 92.4 | 92.4 | 92.9 | 93.0 | 93.2 | 93.2 |
| >=2500 | 40.2 | 77.3 | 84.1 | 88.6 | 90.9 | 91.1 | 92.0 | 92.2 | 92.7 | 92.8 | 92.8 | 93.2 | 93.4 | 93.5 | 93.6 |
| >=2000 | 40.3 | 78.0 | 84.9 | 89.5 | 91.8 | 92.0 | 92.9 | 93.1 | 93.7 | 93.8 | 93.8 | 94.2 | 94.4 | 94.5 | 94.6 |
| >=1800 | 40.5 | 78.1 | 85.3 | 89.9 | 92.2 | 92.4 | 93.3 | 93.5 | 94.1 | 94.2 | 94.2 | 94.6 | 94.8 | 94.9 | 95.0 |
| >=1500 | 40.6 | 78.5 | 85.6 | 90.3 | 92.6 | 92.9 | 93.8 | 94.0 | 94.6 | 94.7 | 94.7 | 95.2 | 95.3 | 95.5 | 95.5 |
| >=1200 | 40.6 | 79.0 | 86.1 | 90.8 | 93.1 | 93.3 | 94.2 | 94.5 | 95.1 | 95.2 | 95.2 | 95.6 | 95.8 | 95.9 | 96.0 |
| >=1000 | 40.8 | 79.1 | 86.3 | 91.1 | 93.5 | 93.7 | 94.6 | 94.9 | 95.5 | 95.6 | 95.6 | 96.1 | 96.2 | 96.4 | 96.5 |
| >=900 | 40.9 | 79.5 | 86.8 | 91.6 | 93.9 | 94.2 | 95.1 | 95.4 | 96.0 | 96.1 | 96.1 | 96.5 | 96.7 | 96.9 | 96.9 |
| >=800 | 40.9 | 79.6 | 86.9 | 91.6 | 94.1 | 94.3 | 95.2 | 95.5 | 96.2 | 96.2 | 96.2 | 96.7 | 96.9 | 97.0 | 97.1 |
| >=700 | 40.9 | 79.6 | 87.0 | 91.8 | 94.3 | 94.5 | 95.5 | 95.9 | 96.5 | 96.5 | 96.5 | 97.0 | 97.2 | 97.3 | 97.4 |
| >=600 | 41.0 | 79.6 | 87.2 | 91.9 | 94.5 | 94.7 | 95.7 | 96.0 | 96.6 | 96.7 | 96.7 | 97.2 | 97.3 | 97.5 | 97.5 |
| >=500 | 41.0 | 79.8 | 87.4 | 92.2 | 94.7 | 94.9 | 95.9 | 96.2 | 96.9 | 96.9 | 96.9 | 97.4 | 97.5 | 97.7 | 97.8 |
| >=400 | 41.1 | 80.1 | 87.6 | 92.6 | 95.2 | 95.5 | 96.5 | 96.8 | 97.4 | 97.5 | 97.5 | 97.9 | 98.1 | 98.2 | 98.3 |
| >=300 | 41.2 | 80.3 | 88.1 | 93.1 | 95.7 | 95.9 | 96.9 | 97.3 | 97.9 | 98.1 | 98.1 | 98.5 | 98.7 | 98.8 | 98.9 |
| >=200 | 41.3 | 80.5 | 88.3 | 93.4 | 96.0 | 96.2 | 97.4 | 97.8 | 98.5 | 98.6 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 |
| >=100 | 41.3 | 80.5 | 88.3 | 93.4 | 96.0 | 96.2 | 97.4 | 97.8 | 98.5 | 98.6 | 98.6 | 99.2 | 99.4 | 99.5 | 99.6 |
| >=0 | 41.3 | 80.5 | 88.3 | 93.4 | 96.0 | 96.2 | 97.4 | 97.8 | 98.5 | 98.6 | 98.6 | 99.2 | 99.5 | 99.8 | 100.0 |

TOTAL NO. OF CRS : 1302

2 - CEILING VS VISIBILITY

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 |
| UNLIMIT | 33.8 | 54.7 | 57.9 | 60.3 | 62.3 | 62.8 | 64.1 | 64.4 | 64.7 | 64.7 | 64.7 |
| >=20000 | 37.3 | 60.0 | 62.6 | 66.1 | 68.2 | 68.8 | 70.2 | 70.6 | 70.7 | 71.0 | 71.0 |
| >=18000 | 37.6 | 60.2 | 63.8 | 66.3 | 68.5 | 69.1 | 70.5 | 70.9 | 71.0 | 71.3 | 71.3 |
| >=16000 | 37.6 | 60.4 | 64.1 | 66.5 | 68.7 | 69.4 | 70.7 | 71.1 | 71.2 | 71.5 | 71.5 |
| >=14000 | 39.4 | 63.1 | 66.7 | 69.2 | 71.6 | 72.2 | 73.6 | 74.0 | 74.3 | 74.3 | 74.3 |
| >=12000 | 41.6 | 66.5 | 70.5 | 73.1 | 75.5 | 76.2 | 77.6 | 78.0 | 78.3 | 78.3 | 78.3 |
| >=10000 | 43.9 | 69.9 | 74.0 | 76.9 | 79.3 | 80.0 | 81.4 | 81.8 | 82.1 | 82.2 | 82.2 |
| >= 9000 | 44.5 | 71.0 | 75.3 | 78.1 | 80.6 | 81.3 | 82.9 | 83.4 | 83.6 | 83.7 | 83.7 |
| >= 8000 | 44.9 | 72.3 | 76.6 | 79.4 | 82.0 | 82.7 | 84.3 | 84.7 | 85.0 | 85.1 | 85.1 |
| >= 7000 | 45.1 | 72.6 | 77.0 | 79.8 | 82.5 | 83.2 | 84.9 | 85.3 | 85.6 | 85.6 | 85.6 |
| >= 6000 | 45.5 | 73.2 | 77.7 | 80.6 | 83.3 | 84.0 | 85.7 | 86.1 | 86.2 | 86.5 | 86.5 |
| >= 5000 | 45.7 | 73.8 | 78.4 | 81.3 | 84.1 | 84.8 | 86.6 | 87.0 | 87.1 | 87.3 | 87.3 |
| >= 4500 | 45.9 | 74.1 | 78.7 | 81.6 | 84.5 | 85.2 | 86.9 | 87.4 | 87.5 | 87.7 | 87.7 |
| >= 4000 | 46.1 | 74.5 | 79.3 | 82.2 | 85.0 | 85.7 | 87.5 | 87.9 | 88.0 | 88.2 | 88.2 |
| >= 3500 | 46.4 | 75.0 | 79.8 | 82.8 | 85.7 | 86.4 | 88.2 | 88.6 | 88.7 | 88.9 | 88.9 |
| >= 3000 | 46.5 | 75.2 | 80.0 | 83.2 | 86.2 | 86.9 | 88.7 | 89.2 | 89.2 | 89.6 | 89.6 |
| >= 2500 | 46.7 | 75.5 | 80.3 | 83.5 | 86.6 | 87.4 | 89.2 | 89.8 | 89.9 | 90.1 | 90.2 |
| >= 2000 | 46.9 | 76.0 | 81.1 | 84.3 | 87.5 | 88.2 | 90.2 | 90.8 | 90.9 | 91.1 | 91.2 |
| >= 1800 | 47.0 | 76.3 | 81.5 | 84.6 | 87.9 | 88.7 | 90.6 | 91.2 | 91.3 | 91.6 | 91.7 |
| >= 1500 | 47.1 | 76.5 | 81.9 | 85.2 | 88.6 | 89.4 | 91.3 | 91.9 | 92.0 | 92.2 | 92.4 |
| >= 1200 | 47.3 | 77.1 | 82.6 | 86.0 | 89.6 | 90.3 | 92.2 | 92.9 | 93.0 | 93.2 | 93.4 |
| >= 1000 | 47.5 | 77.4 | 82.9 | 86.5 | 90.2 | 91.0 | 93.0 | 93.7 | 93.8 | 94.0 | 94.2 |
| >= 900 | 47.8 | 78.0 | 83.3 | 86.9 | 90.6 | 91.4 | 93.4 | 94.1 | 94.2 | 94.4 | 94.5 |
| >= 800 | 47.8 | 78.3 | 83.5 | 87.1 | 90.9 | 91.8 | 93.8 | 94.5 | 94.5 | 94.9 | 95.0 |
| >= 700 | 47.9 | 78.4 | 84.0 | 87.6 | 91.5 | 92.3 | 94.4 | 95.1 | 95.2 | 95.5 | 95.6 |
| >= 600 | 48.0 | 78.6 | 84.6 | 88.2 | 92.1 | 93.0 | 95.2 | 95.4 | 95.9 | 95.9 | 96.2 |
| >= 500 | 48.0 | 79.0 | 85.0 | 88.9 | 92.9 | 93.9 | 96.1 | 96.9 | 97.1 | 97.5 | 97.5 |
| >= 400 | 48.0 | 79.3 | 85.4 | 89.4 | 93.5 | 94.5 | 97.0 | 97.8 | 98.1 | 98.6 | 98.6 |
| >= 300 | 48.0 | 79.3 | 85.5 | 89.5 | 93.5 | 94.7 | 97.3 | 98.2 | 98.5 | 99.1 | 99.2 |
| >= 200 | 48.0 | 79.3 | 85.5 | 89.5 | 93.5 | 94.7 | 97.3 | 98.2 | 98.5 | 99.2 | 99.3 |
| >= 100 | 48.0 | 79.3 | 85.5 | 89.5 | 93.5 | 94.7 | 97.3 | 98.2 | 98.5 | 99.2 | 99.3 |
| >= 0 | 49.0 | 79.3 | 85.5 | 89.5 | 93.5 | 94.7 | 97.3 | 98.2 | 98.5 | 99.2 | 99.3 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 36.7 | 50.5 | 51.9 | 52.8 | 53.8 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| >=20000 | 40.7 | 56.1 | 57.6 | 58.6 | 59.8 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| >=18000 | 40.9 | 56.3 | 57.8 | 58.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| >=16000 | 41.5 | 56.9 | 58.4 | 59.4 | 60.7 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| >=14000 | 43.0 | 59.1 | 60.7 | 61.8 | 63.0 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >=12000 | 45.0 | 62.0 | 63.8 | 64.9 | 66.2 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| >=10000 | 47.2 | 65.0 | 66.9 | 68.0 | 69.3 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| >=9000 | 47.6 | 66.2 | 68.1 | 69.2 | 70.5 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| >=8000 | 48.5 | 67.7 | 69.6 | 70.7 | 72.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| >=7000 | 49.2 | 68.9 | 70.8 | 71.9 | 73.2 | 73.5 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| >=6000 | 49.5 | 69.5 | 71.4 | 72.5 | 74.0 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| >=5000 | 49.8 | 70.0 | 72.0 | 73.1 | 74.7 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| >=4500 | 50.1 | 70.3 | 72.3 | 73.5 | 75.0 | 75.3 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| >=4000 | 50.4 | 70.7 | 72.7 | 73.9 | 75.4 | 75.7 | 75.8 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| >=3500 | 50.9 | 71.4 | 73.3 | 74.6 | 76.1 | 76.4 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| >=3000 | 53.4 | 74.5 | 76.7 | 78.0 | 79.5 | 79.8 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| >=2500 | 58.2 | 80.0 | 82.5 | 83.9 | 85.5 | 85.8 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| >=2000 | 61.2 | 83.9 | 86.7 | 88.2 | 89.7 | 90.0 | 90.1 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| >=1800 | 62.3 | 85.2 | 88.1 | 89.6 | 91.1 | 91.4 | 91.5 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| >=1500 | 63.9 | 87.5 | 90.6 | 92.2 | 93.7 | 94.0 | 94.1 | 94.2 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| >=1200 | 65.1 | 89.6 | 92.9 | 94.4 | 95.9 | 96.2 | 96.3 | 96.5 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| >=1000 | 65.6 | 90.7 | 93.9 | 95.5 | 97.1 | 97.4 | 97.5 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| >=900 | 65.7 | 91.1 | 94.3 | 96.0 | 97.6 | 97.9 | 98.0 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=800 | 65.7 | 91.4 | 94.6 | 96.5 | 98.2 | 98.5 | 98.5 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| >=700 | 65.7 | 91.4 | 94.6 | 96.5 | 98.2 | 98.5 | 98.5 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >=600 | 65.7 | 91.4 | 94.6 | 96.6 | 98.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=500 | 65.7 | 91.4 | 94.6 | 96.6 | 98.5 | 98.8 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=400 | 65.7 | 91.4 | 94.6 | 96.7 | 98.5 | 98.8 | 99.2 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=300 | 65.7 | 91.4 | 94.6 | 96.9 | 98.7 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=200 | 65.7 | 91.4 | 94.6 | 96.9 | 98.7 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 65.7 | 91.4 | 94.6 | 96.9 | 98.7 | 99.0 | 99.3 | 99.5 | 99.5 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >= 0 | 65.7 | 91.4 | 94.6 | 96.9 | 98.7 | 99.0 | 99.3 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HCUPLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|---------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=1 1/4 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 28.1 | 38.6 | 40.6 | 41.2 | 41.9 | 42.0 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| >=20000 | 33.6 | 46.1 | 48.2 | 48.8 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| >=18000 | 33.8 | 46.2 | 48.3 | 49.0 | 49.8 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| >=16000 | 34.3 | 47.0 | 49.1 | 49.8 | 50.5 | 50.7 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| >=14000 | 36.0 | 49.4 | 51.5 | 52.2 | 53.0 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| >=12000 | 38.1 | 52.6 | 55.1 | 55.9 | 56.7 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| >=10000 | 39.9 | 55.7 | 58.1 | 59.1 | 59.8 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| >=9000 | 40.2 | 56.3 | 58.6 | 59.8 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| >=8000 | 40.6 | 57.2 | 59.8 | 60.7 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| >=7000 | 41.2 | 58.1 | 60.7 | 61.6 | 62.5 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| >=6000 | 41.4 | 58.5 | 61.1 | 62.1 | 63.1 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >=5000 | 42.2 | 59.9 | 62.5 | 63.4 | 64.4 | 64.6 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| >=4500 | 42.9 | 60.8 | 63.5 | 64.4 | 65.4 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| >=4000 | 45.2 | 63.5 | 66.4 | 67.3 | 68.3 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| >=3500 | 48.9 | 68.6 | 71.5 | 72.6 | 73.7 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| >=3000 | 57.0 | 78.3 | 81.8 | 82.9 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| >=2500 | 61.9 | 84.7 | 88.6 | 89.8 | 91.4 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| >=2000 | 63.9 | 87.6 | 91.8 | 93.1 | 94.8 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| >=1800 | 64.4 | 88.4 | 92.5 | 93.9 | 95.5 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 |
| >=1500 | 64.8 | 89.4 | 93.7 | 95.0 | 96.9 | 97.3 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| >=1200 | 65.1 | 89.8 | 94.2 | 95.6 | 97.6 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| >=1000 | 65.1 | 89.9 | 94.4 | 95.9 | 97.9 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| >=900 | 65.1 | 89.9 | 94.5 | 95.9 | 98.0 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| >=800 | 65.2 | 90.2 | 94.8 | 96.3 | 98.4 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=700 | 65.2 | 90.2 | 94.9 | 96.4 | 98.5 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=600 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=500 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=400 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=300 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=200 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=0 | 65.2 | 90.2 | 94.9 | 96.5 | 98.5 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUL
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 34.4 | 47.1 | 49.6 | 50.2 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| >=20000 | 42.2 | 57.2 | 60.5 | 61.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| >=18000 | 42.9 | 57.8 | 61.1 | 62.1 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| >=16000 | 43.1 | 58.1 | 61.4 | 62.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| >=14000 | 44.3 | 59.8 | 63.1 | 64.2 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| >=12000 | 45.7 | 62.6 | 66.4 | 67.7 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| >=10000 | 47.6 | 66.0 | 69.7 | 71.3 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| >= 9000 | 48.1 | 67.1 | 71.0 | 72.5 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| >= 8000 | 48.5 | 68.3 | 72.1 | 73.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| >= 7000 | 49.0 | 69.3 | 73.2 | 74.7 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| >= 6000 | 49.2 | 69.8 | 73.8 | 75.4 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| >= 5000 | 49.8 | 70.9 | 75.0 | 76.7 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >= 4500 | 50.4 | 71.5 | 75.6 | 77.3 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| >= 4000 | 51.8 | 73.6 | 77.6 | 79.3 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 |
| >= 3500 | 52.9 | 76.3 | 80.3 | 82.0 | 83.5 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 |
| >= 3000 | 55.2 | 80.3 | 84.9 | 87.0 | 88.8 | 89.0 | 89.2 | 89.3 | 89.3 | 89.3 |
| >= 2500 | 56.7 | 82.9 | 88.0 | 90.4 | 92.3 | 92.5 | 92.9 | 93.0 | 93.0 | 93.0 |
| >= 2000 | 57.5 | 84.3 | 89.6 | 92.1 | 94.2 | 94.5 | 95.0 | 95.2 | 95.2 | 95.2 |
| >= 1500 | 57.8 | 85.4 | 90.8 | 93.5 | 95.6 | 96.0 | 96.9 | 97.1 | 97.2 | 97.2 |
| >= 1200 | 57.8 | 85.6 | 91.1 | 93.8 | 96.1 | 96.5 | 97.4 | 97.6 | 97.7 | 97.7 |
| >= 1000 | 57.8 | 86.3 | 91.7 | 94.7 | 97.0 | 97.4 | 98.3 | 98.5 | 98.6 | 98.6 |
| >= 900 | 57.9 | 86.4 | 91.9 | 94.9 | 97.2 | 97.6 | 98.2 | 98.8 | 98.9 | 98.9 |
| >= 800 | 57.9 | 86.5 | 92.0 | 95.0 | 97.3 | 97.7 | 98.4 | 99.0 | 99.1 | 99.1 |
| >= 700 | 57.9 | 86.5 | 92.1 | 95.1 | 97.4 | 97.8 | 98.6 | 99.2 | 99.3 | 99.3 |
| >= 600 | 57.9 | 86.5 | 92.1 | 95.1 | 97.4 | 97.8 | 98.7 | 99.4 | 99.5 | 99.5 |
| >= 500 | 57.9 | 86.5 | 92.2 | 95.2 | 97.5 | 97.9 | 98.8 | 99.7 | 99.8 | 99.8 |
| >= 400 | 57.9 | 86.5 | 92.2 | 95.2 | 97.5 | 97.9 | 98.8 | 99.8 | 99.9 | 99.9 |
| >= 300 | 57.9 | 86.6 | 92.2 | 95.2 | 97.6 | 98.0 | 98.9 | 99.9 | 100.0 | 100.0 |
| >= 200 | 57.9 | 86.6 | 92.2 | 95.2 | 97.6 | 98.0 | 98.9 | 99.9 | 100.0 | 100.0 |
| >= 100 | 57.9 | 86.6 | 92.2 | 95.2 | 97.6 | 98.0 | 98.9 | 99.9 | 100.0 | 100.0 |
| >= 0 | 57.9 | 86.6 | 92.2 | 95.2 | 97.6 | 98.0 | 98.9 | 99.9 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | >=0 |
| UNLIMIT | 34.9 | 50.5 | 53.8 | 55.1 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| >=20000 | 44.1 | 65.0 | 69.4 | 70.9 | 71.7 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=18000 | 44.2 | 65.2 | 69.7 | 71.1 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| >=16000 | 44.4 | 65.4 | 70.0 | 71.5 | 72.3 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| >=14000 | 46.3 | 66.7 | 72.3 | 75.0 | 75.8 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| >=12000 | 48.6 | 72.0 | 77.2 | 79.1 | 80.0 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| >=10000 | 50.5 | 75.6 | 81.0 | 83.0 | 84.0 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| >=9000 | 50.8 | 76.6 | 82.0 | 84.1 | 85.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| >=8000 | 51.8 | 78.3 | 83.8 | 86.0 | 87.1 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| >=7000 | 51.9 | 79.3 | 84.7 | 86.9 | 88.0 | 88.3 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| >=6000 | 52.5 | 80.2 | 85.8 | 88.0 | 89.2 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| >=5000 | 52.7 | 81.0 | 86.6 | 88.9 | 90.1 | 90.4 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| >=4500 | 52.8 | 81.3 | 86.9 | 89.2 | 90.5 | 90.8 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| >=4000 | 53.1 | 81.8 | 87.6 | 90.0 | 91.3 | 91.6 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| >=3500 | 53.1 | 82.2 | 88.1 | 90.6 | 91.9 | 92.2 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| >=3000 | 53.5 | 82.9 | 89.0 | 91.5 | 92.9 | 93.2 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| >=2500 | 53.8 | 83.9 | 89.9 | 92.8 | 94.2 | 94.7 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| >=2000 | 54.2 | 84.6 | 90.6 | 93.5 | 95.1 | 95.5 | 96.0 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| >=1800 | 54.5 | 84.9 | 91.0 | 93.9 | 95.5 | 96.0 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=1500 | 54.6 | 85.6 | 91.9 | 94.9 | 96.5 | 96.9 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| >=1200 | 54.6 | 85.9 | 92.3 | 95.5 | 97.2 | 97.6 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=1000 | 54.8 | 86.2 | 92.7 | 95.9 | 97.6 | 98.1 | 98.6 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=900 | 54.8 | 86.3 | 92.8 | 96.1 | 97.8 | 98.4 | 98.9 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=800 | 54.8 | 86.3 | 92.8 | 96.1 | 97.8 | 98.5 | 99.0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| >=700 | 54.8 | 86.3 | 92.8 | 96.1 | 97.8 | 98.5 | 99.1 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=600 | 54.8 | 86.3 | 92.9 | 96.2 | 97.9 | 98.5 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=500 | 54.8 | 86.4 | 92.9 | 96.2 | 98.0 | 98.6 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=400 | 54.8 | 86.4 | 92.9 | 96.3 | 98.1 | 98.7 | 99.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=300 | 54.8 | 86.4 | 92.9 | 96.3 | 98.1 | 98.7 | 99.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=200 | 54.8 | 86.4 | 92.9 | 96.3 | 98.1 | 98.7 | 99.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=100 | 54.8 | 86.4 | 92.9 | 96.3 | 98.1 | 98.7 | 99.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=0 | 54.8 | 86.4 | 92.9 | 96.3 | 98.1 | 98.7 | 99.3 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 37.8 | 60.4 | 62.9 | 64.0 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.6 | 64.6 |
| >=20000 | 43.9 | 70.6 | 73.8 | 75.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 |
| >=18000 | 43.9 | 70.6 | 73.8 | 75.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 |
| >=16000 | 44.3 | 71.0 | 74.2 | 75.8 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 |
| >=14000 | 46.5 | 73.9 | 77.3 | 79.0 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.9 | 79.9 |
| >=12000 | 48.5 | 77.0 | 80.6 | 82.4 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 |
| >=10000 | 49.9 | 80.0 | 83.9 | 85.7 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.8 | 86.8 |
| >=9000 | 50.4 | 81.4 | 85.4 | 87.3 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 |
| >=8000 | 51.2 | 83.1 | 87.3 | 89.3 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 |
| >=7000 | 51.5 | 83.9 | 88.0 | 90.2 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.4 | 91.4 |
| >=6000 | 51.6 | 84.4 | 88.7 | 90.9 | 91.6 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 |
| >=5000 | 51.8 | 85.0 | 89.4 | 91.6 | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| >=4500 | 52.0 | 85.6 | 90.1 | 92.5 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 |
| >=4000 | 52.1 | 86.0 | 90.8 | 93.2 | 94.2 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 |
| >=3500 | 52.2 | 86.2 | 91.0 | 93.5 | 94.4 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 |
| >=3000 | 52.5 | 86.8 | 91.6 | 94.2 | 95.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 |
| >=2500 | 52.5 | 87.0 | 92.0 | 94.8 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 |
| >=2000 | 52.8 | 87.6 | 92.6 | 95.4 | 96.4 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 |
| >=1800 | 52.8 | 87.9 | 92.9 | 95.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 |
| >=1500 | 53.0 | 88.4 | 93.5 | 96.3 | 97.3 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| >=1200 | 53.3 | 88.9 | 94.0 | 96.9 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| >=1000 | 53.4 | 89.0 | 94.1 | 97.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| >=900 | 53.4 | 89.1 | 94.2 | 97.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| >=800 | 53.4 | 89.1 | 94.2 | 97.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| >=700 | 53.4 | 89.2 | 94.3 | 97.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| >=600 | 53.4 | 89.3 | 94.5 | 97.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| >=500 | 53.4 | 89.3 | 94.6 | 97.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| >=400 | 53.4 | 89.3 | 94.8 | 97.8 | 98.9 | 99.1 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| >=300 | 53.4 | 89.3 | 94.8 | 97.8 | 98.9 | 99.1 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| >=200 | 53.4 | 89.3 | 94.8 | 97.8 | 99.0 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| >=100 | 53.4 | 89.3 | 94.8 | 97.8 | 99.0 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| >=0 | 53.4 | 89.3 | 94.8 | 97.8 | 99.0 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

W13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 |
| UNLIMIT | 34.1 | 52.5 | 55.6 | 57.2 | 58.2 | 58.4 | 58.7 | 58.9 | 58.9 | 58.9 |
| >=20000 | 39.4 | 60.7 | 64.3 | 66.1 | 67.2 | 67.4 | 67.8 | 67.9 | 68.0 | 68.0 |
| >=18000 | 39.6 | 60.9 | 64.5 | 66.3 | 67.4 | 67.6 | 68.0 | 68.1 | 68.2 | 68.2 |
| >=16000 | 39.9 | 61.3 | 64.9 | 66.8 | 67.9 | 68.1 | 68.5 | 68.6 | 68.7 | 68.7 |
| >=14000 | 41.7 | 63.8 | 67.5 | 69.4 | 70.6 | 70.8 | 71.2 | 71.3 | 71.4 | 71.4 |
| >=12000 | 43.5 | 66.9 | 70.9 | 73.0 | 74.2 | 74.5 | 74.9 | 75.0 | 75.1 | 75.1 |
| >=10000 | 45.4 | 70.0 | 74.1 | 76.3 | 77.6 | 77.8 | 78.3 | 78.4 | 78.5 | 78.5 |
| >=9000 | 45.6 | 71.1 | 75.3 | 77.5 | 78.8 | 79.1 | 79.5 | 79.6 | 79.7 | 79.7 |
| >=8000 | 46.4 | 72.4 | 76.6 | 78.9 | 80.2 | 80.5 | 81.0 | 81.0 | 81.2 | 81.2 |
| >=7000 | 46.8 | 73.3 | 77.5 | 79.8 | 81.2 | 81.5 | 82.0 | 82.0 | 82.2 | 82.2 |
| >=6000 | 47.1 | 73.9 | 78.3 | 80.6 | 82.0 | 82.3 | 82.8 | 82.9 | 83.0 | 83.0 |
| >=5000 | 47.6 | 74.7 | 79.1 | 81.5 | 83.0 | 83.3 | 83.8 | 83.9 | 84.0 | 84.0 |
| >=4500 | 47.8 | 75.2 | 79.7 | 82.1 | 83.6 | 83.9 | 84.4 | 84.5 | 84.6 | 84.6 |
| >=4000 | 48.4 | 76.1 | 80.7 | 83.1 | 84.7 | 84.9 | 85.4 | 85.5 | 85.7 | 85.7 |
| >=3500 | 49.2 | 77.4 | 82.0 | 84.4 | 86.1 | 86.3 | 86.8 | 87.0 | 87.1 | 87.1 |
| >=3000 | 50.9 | 79.8 | 84.6 | 87.2 | 88.9 | 89.1 | 89.7 | 89.8 | 90.0 | 90.0 |
| >=2500 | 52.4 | 81.9 | 86.8 | 89.6 | 91.4 | 91.7 | 92.2 | 92.4 | 92.6 | 92.6 |
| >=2000 | 53.3 | 83.3 | 88.4 | 91.2 | 93.1 | 93.4 | 94.0 | 94.2 | 94.4 | 94.4 |
| >=1800 | 53.6 | 83.6 | 89.0 | 91.8 | 93.7 | 94.0 | 94.6 | 94.8 | 95.1 | 95.1 |
| >=1500 | 54.0 | 84.6 | 89.9 | 92.8 | 94.7 | 95.1 | 95.7 | 95.9 | 96.2 | 96.2 |
| >=1200 | 54.3 | 85.2 | 90.6 | 93.5 | 95.5 | 95.9 | 96.5 | 96.8 | 97.0 | 97.0 |
| >=1000 | 54.4 | 85.6 | 91.0 | 94.0 | 96.1 | 96.4 | 97.1 | 97.4 | 97.6 | 97.6 |
| >=900 | 54.4 | 85.8 | 91.2 | 94.2 | 96.3 | 96.7 | 97.4 | 97.6 | 97.9 | 97.9 |
| >=800 | 54.5 | 85.9 | 91.3 | 94.4 | 96.5 | 96.9 | 97.6 | 97.9 | 98.2 | 98.2 |
| >=700 | 54.5 | 86.0 | 91.5 | 94.6 | 96.7 | 97.1 | 97.9 | 98.1 | 98.4 | 98.4 |
| >=600 | 54.5 | 86.1 | 91.6 | 94.7 | 96.9 | 97.2 | 98.1 | 98.3 | 98.6 | 98.6 |
| >=500 | 54.5 | 86.1 | 91.7 | 94.8 | 97.0 | 97.4 | 98.2 | 98.6 | 98.9 | 98.9 |
| >=400 | 54.5 | 86.2 | 91.8 | 95.0 | 97.3 | 97.7 | 98.6 | 98.9 | 99.2 | 99.2 |
| >=300 | 54.6 | 86.3 | 92.0 | 95.2 | 97.5 | 97.9 | 98.8 | 99.1 | 99.4 | 99.4 |
| >=200 | 54.6 | 86.3 | 92.0 | 95.3 | 97.5 | 98.0 | 99.1 | 99.3 | 99.6 | 99.6 |
| >=100 | 54.6 | 86.3 | 92.0 | 95.3 | 97.5 | 98.0 | 99.2 | 99.3 | 99.6 | 99.6 |
| >=0 | 54.6 | 86.3 | 92.0 | 95.3 | 97.5 | 98.0 | 99.2 | 99.3 | 99.6 | 99.6 |

TOTAL NO. OF OBS : 10416

1 - SURFACE WINDS

013890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 1.9 | 3.7 | 1.3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 5.2 |
| NNE | 2.1 | 4.1 | 1.8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 5.5 |
| NE | 1.3 | 3.5 | 2.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 5.8 |
| ENE | 1.1 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 4.6 |
| E | .6 | .7 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 5.1 |
| ESE | .8 | .2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 5.5 |
| SE | 1.2 | .8 | .5 | .1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 2.7 | 5.2 |
| SSE | 1.2 | 1.5 | .6 | .2 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | 3.5 | 5.6 |
| S | 3.4 | 4.7 | 1.3 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 9.8 | 4.9 |
| SSW | 2.1 | 6.7 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 5.0 |
| SW | 1.0 | 5.1 | 3.6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 6.4 |
| WSW | .6 | 3.1 | 1.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 5.9 |
| W | .7 | 1.7 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.0 |
| WNW | .4 | .7 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 5.7 |
| NW | .8 | 1.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 4.9 |
| NNW | .9 | 2.3 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.8 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 18.0 | .0 |
| ALL | 20.0 | 40.9 | 17.6 | 2.8 | .3 | .2 | .0 | .1 | .0 | .0 | .0 | 100.0 | 4.5 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | TOTAL % | MEAN | |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|---------------|-----|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | WIND SPEED | |
| N | 3.3 | 6.5 | 2.5 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 12.4 | 5.0 |
| NNE | 1.8 | 5.4 | 2.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 5.7 |
| NE | 1.5 | 3.1 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 5.6 |
| ENE | .7 | 1.1 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.5 |
| E | .8 | .4 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 4.2 |
| ESE | .2 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 4.8 |
| SE | .6 | .8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 4.5 |
| SSE | 1.1 | 1.5 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.2 |
| S | 1.8 | 3.3 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 4.3 |
| SSW | .8 | 3.8 | .9 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 5.2 |
| SW | 1.8 | 4.0 | 3.4 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 6.0 |
| WSW | 1.1 | 3.0 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.0 |
| W | .8 | 3.2 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 5.3 |
| WNW | .6 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 5.7 |
| NW | 1.0 | 1.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 4.4 |
| NNW | 1.2 | 3.5 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 5.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 17.5 | .0 |
| ALL | 19.1 | 42.8 | 18.0 | 1.6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 4.4 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 Pt. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL | MEAN | | |
|--------|---------------|---|---|------|-----|---|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---|
| | DIR. | 1 | - | 3 | 4 | - | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | >=56 | % |
| N | 2.5 | | | | 5.4 | | | 2.8 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 11.0 | 5.5 | |
| NNE | 1.5 | | | 6.7 | | | 5.4 | | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.6 | 6.5 | |
| NE | 1.5 | | | 3.7 | | | 2.9 | | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 6.0 | |
| ENE | 1.0 | | | 1.5 | | | .4 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 4.8 | |
| E | .8 | | | .6 | | | .5 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 5.4 | |
| ESE | .9 | | | .8 | | | .2 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 4.3 | |
| SE | .6 | | | 1.1 | | | .3 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.0 | |
| SSE | .8 | | | 1.0 | | | .2 | | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 4.9 | |
| S | 1.2 | | | 2.5 | | | .5 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 4.9 | |
| SSW | .5 | | | 2.8 | | | 1.3 | | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 6.2 | |
| SW | .9 | | | 3.6 | | | 4.4 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 6.4 | |
| WSW | .8 | | | 3.6 | | | 4.7 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 6.8 | |
| W | .5 | | | 3.2 | | | 2.2 | | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 6.5 | |
| WNW | .5 | | | 1.8 | | | .6 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 5.4 | |
| NW | .9 | | | 1.5 | | | .3 | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 2.8 | 5.2 | |
| NNW | .8 | | | 2.7 | | | 1.3 | | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 6.2 | |
| VAR | .0 | | | .0 | | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | | | .0 | | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.9 | .0 | |
| ALL | 15.7 | | | 42.4 | | | 28.0 | | 3.5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.4 | |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE *INCS

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN WIND SPEED |
|-------------|-----|---|---|------|------|---|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------|
| N | .5 | | | 3.1 | 3.5 | | 1.0 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 7.3 |
| NE | .4 | | | 2.2 | 4.2 | | 1.9 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.8 | 8.4 |
| ENE | .2 | | | 3.1 | 4.7 | | 2.4 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 8.4 |
| E | .9 | | | 1.8 | 2.1 | | .6 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 8.0 |
| ESE | .2 | | | .9 | .8 | | .2 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 6.8 |
| SE | .8 | | | .6 | 1.2 | | .2 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 7.2 |
| SSE | .4 | | | 1.0 | .8 | | .3 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 6.5 |
| S | .5 | | | 2.1 | 2.3 | | .6 | | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 5.6 | 7.0 |
| SSW | .8 | | | 2.1 | 2.8 | | .4 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.0 |
| SW | .5 | | | 3.0 | 5.5 | | 1.1 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.1 | 7.5 |
| WSW | .4 | | | 2.2 | 5.8 | | 1.1 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 7.9 |
| W | .5 | | | 2.9 | 4.0 | | .6 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 7.3 |
| WNW | .2 | | | 2.1 | 2.7 | | .2 | | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.4 |
| NW | .5 | | | 1.2 | 1.6 | | .1 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 6.5 |
| NNW | .7 | | | 1.2 | 1.2 | | .1 | | .1 | .2 | .0 | .0 | .0 | .0 | .0 | 3.3 | 7.0 |
| VAR | .0 | | | .0 | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | .0 | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | .0 |
| ALL | 7.5 | | | 30.6 | 46.2 | | 11.6 | | .8 | .2 | .1 | .0 | .0 | .0 | .0 | 100.0 | 7.3 |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|-----|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | .4 | .7 | .4 | 2.6 | 2.6 | 2.8 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 7.5 |
| NNE | .2 | .2 | .2 | 1.5 | 4.5 | .9 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 8.0 |
| NE | .2 | .2 | .2 | 1.4 | 3.2 | 1.8 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 9.1 |
| ENE | .3 | .2 | .2 | .9 | 2.2 | 1.1 | 1.1 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.7 |
| E | .3 | .3 | .3 | 1.4 | 2.6 | 1.8 | 1.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.8 |
| ESE | .2 | .2 | .2 | 1.1 | 2.9 | .8 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 8.4 |
| SE | .1 | .1 | .1 | 1.7 | 2.8 | 2.7 | 2.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 9.5 |
| SSE | .3 | .3 | .3 | 2.2 | 2.6 | 1.4 | 1.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.3 |
| S | .1 | .1 | .1 | 2.2 | 4.9 | 2.4 | 2.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.9 | 9.3 |
| SSW | .1 | .1 | .1 | 1.8 | 3.3 | 2.2 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 8.9 |
| SW | .4 | .4 | .4 | 1.4 | 4.2 | 1.3 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 8.5 |
| WSW | .4 | .4 | .4 | 1.4 | 4.0 | 1.5 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 8.5 |
| W | .2 | .2 | .2 | 1.4 | 2.9 | 1.0 | 1.0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.2 |
| WNW | .2 | .2 | .2 | 1.9 | 1.8 | .4 | .4 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 4.4 | 7.5 |
| NW | .5 | .5 | .5 | 1.2 | 1.5 | .3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.0 |
| NNW | .1 | .1 | .1 | 1.3 | 1.1 | .3 | .3 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 8.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .0 |
| ALL | 4.3 | 25.4 | 47.3 | 20.6 | 1.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.4 |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELFV. : 46 FT
 MONTH : AUG
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|--------------|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | .3 | 1.8 | 2.5 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.3 |
| NNE | .2 | 1.0 | 2.0 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.2 |
| NE | .1 | .9 | 2.6 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 8.6 |
| ENE | .1 | .5 | 2.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 9.2 |
| E | .2 | 1.2 | 2.6 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.1 |
| ESE | .5 | 1.5 | 7.1 | 2.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.9 |
| SE | .5 | 1.5 | 4.1 | 3.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.4 | 9.3 |
| SSE | .5 | 1.6 | 5.8 | 3.1 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.2 | 9.1 |
| S | .5 | 1.9 | 8.4 | 7.1 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.3 | 9.9 |
| SSW | .3 | 1.5 | 4.4 | 3.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 9.4 |
| SW | .3 | .7 | 2.6 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 9.3 |
| WSW | .2 | .5 | 2.0 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 9.2 |
| W | .2 | 1.2 | 1.2 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 7.8 |
| WNW | .1 | .5 | .6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 8.3 |
| NW | .5 | .3 | .6 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 8.0 |
| NNW | .1 | .7 | 1.5 | .4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 8.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .0 |
| ALL | 4.5 | 17.5 | 46.9 | 28.9 | 1.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 9.0 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | |
| N | .3 | 2.0 | 1.0 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 7.4 |
| NNE | .7 | 2.0 | 1.5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 6.6 |
| NE | .5 | 2.5 | 1.9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 6.5 |
| NNE | .5 | 2.1 | 1.8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 6.4 |
| E | .6 | 3.0 | 3.9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 6.8 |
| ESE | 1.0 | 3.0 | 2.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 6.0 |
| SE | .7 | 3.5 | 2.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 6.2 |
| SSE | 1.4 | 5.0 | 4.4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 11.1 | 6.2 |
| S | 1.2 | 9.8 | 13.3 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 25.7 | 7.0 |
| SSW | .8 | 4.1 | 5.1 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.8 | 6.9 |
| SW | .3 | 1.0 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 6.3 |
| WSW | .5 | .8 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 5.8 |
| W | .2 | .9 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 6.3 |
| WNW | .1 | .5 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .8 | 7.3 |
| NW | .0 | .2 | .3 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .9 | 10.8 |
| NNW | .2 | .6 | .0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 7.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | .0 |
| ALL | 8.8 | 41.0 | 41.5 | 5.8 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.5 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN | |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|--|--|--|---------|------|--|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | SPEED | WIND SPEED | | | | | | |
| N | 1.6 | 3.0 | 1.1 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 5.3 | | | | | | |
| NNE | .8 | 3.7 | 2.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 5.8 | | | | | | |
| NE | 1.2 | 4.4 | 1.9 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 5.9 | | | | | | |
| ENE | .8 | 1.7 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 5.6 | | | | | | |
| E | .9 | 2.7 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 4.6 | | | | | | |
| ESE | .8 | 1.6 | .2 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 2.8 | 5.1 | | | | | | |
| SE | 1.2 | 1.8 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 4.7 | | | | | | |
| SSE | 2.5 | 3.7 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 4.5 | | | | | | |
| S | 3.1 | 10.0 | 4.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 17.6 | 5.4 | | | | | | |
| SSW | 1.8 | 7.6 | 4.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.9 | 5.9 | | | | | | |
| SW | 1.1 | 3.0 | 2.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 5.9 | | | | | | |
| WSW | .3 | 1.5 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.8 | | | | | | |
| W | .7 | .5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.3 | | | | | | |
| WNW | .2 | .4 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 1.0 | 8.9 | | | | | | |
| NW | .3 | .6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 4.9 | | | | | | |
| NNW | .4 | 1.2 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.3 | | | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.2 | .0 | | | | | | |
| ALL | 17.7 | 47.2 | 19.2 | 3.2 | .7 | .1 | .1 | .0 | .0 | .0 | .0 | 100.0 | 4.8 | | | | | | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | |
| N | 1.3 | 3.5 | 2.2 | .5 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 7.7 | 6.2 |
| NNE | 1.0 | 3.3 | 3.0 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 6.7 |
| NE | .8 | 2.8 | 2.6 | .6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 7.1 | 6.9 |
| ENE | .6 | 1.3 | 1.4 | .5 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.0 |
| E | .6 | 1.5 | 1.5 | .7 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.1 |
| ESE | .6 | 1.2 | 1.3 | .5 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | 3.6 | 7.0 |
| SE | .7 | 1.5 | 1.6 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.3 |
| SSE | 1.0 | 2.2 | 1.9 | .7 | .1 | .0* | .0 | .0* | .0 | .0 | .0 | 5.9 | 6.8 |
| S | 1.5 | 4.6 | 4.4 | 1.6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 12.1 | 7.0 |
| SSW | .9 | 3.8 | 3.0 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 6.8 |
| SW | .8 | 2.7 | 3.4 | .6 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 6.9 |
| WSW | .5 | 2.0 | 2.6 | .6 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 7.2 |
| W | .5 | 1.9 | 1.7 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 6.7 |
| WNW | .3 | 1.1 | .8 | .2 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | 2.5 | 6.9 |
| NW | .6 | .9 | .7 | .1 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | 2.4 | 6.2 |
| NNW | .5 | 1.7 | .8 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 3.4 | 6.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | .0 |
| ALL | 12.2 | 36.0 | 33.1 | 9.6 | .7 | .2 | .0* | .0* | .0 | .0 | .0 | 100.0 | 6.3 |

TOTAL NO. OF OBS : 10414

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=9 | >=8 | >=7 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 35.3 | 60.1 | 64.4 | 67.3 | 68.6 | 68.7 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.4 | 69.4 | 69.6 | 69.6 |
| >=20000 | 39.2 | 65.4 | 70.0 | 73.1 | 74.6 | 74.6 | 75.0 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.7 | 75.7 |
| >=18000 | 38.4 | 65.7 | 70.3 | 73.3 | 74.7 | 74.8 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.8 | 75.8 | 76.0 | 76.0 |
| >=16000 | 38.8 | 66.1 | 70.7 | 73.8 | 75.2 | 75.3 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.3 | 76.3 | 76.5 | 76.5 |
| >=14000 | 39.9 | 67.7 | 72.4 | 75.7 | 77.2 | 77.3 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.5 | 78.5 |
| >=12000 | 41.3 | 70.2 | 75.5 | 78.8 | 80.3 | 80.5 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.5 | 81.5 | 81.6 | 81.6 |
| >=10000 | 42.4 | 72.8 | 78.1 | 81.6 | 83.3 | 83.5 | 83.9 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.5 | 84.5 | 84.6 | 84.6 |
| >=9000 | 42.8 | 73.7 | 79.0 | 82.6 | 84.3 | 84.5 | 84.9 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.5 | 85.5 | 85.6 | 85.6 |
| >=8000 | 43.2 | 75.0 | 80.4 | 84.0 | 85.8 | 85.9 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.9 | 86.9 | 87.1 | 87.1 |
| >=7000 | 43.6 | 75.6 | 81.1 | 84.7 | 86.5 | 86.6 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.6 | 87.6 | 87.8 | 87.8 |
| >=6000 | 43.9 | 76.1 | 81.7 | 85.3 | 87.1 | 87.3 | 87.6 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.2 | 88.2 | 88.4 | 88.4 |
| >=5000 | 44.2 | 77.1 | 82.7 | 86.4 | 88.2 | 88.3 | 88.7 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.3 | 89.3 | 89.5 | 89.5 |
| >=4500 | 44.4 | 77.6 | 83.2 | 86.9 | 88.6 | 88.8 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.8 | 89.8 | 89.9 | 89.9 |
| >=4000 | 44.6 | 78.1 | 83.8 | 87.5 | 89.2 | 89.4 | 89.8 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.4 | 90.4 | 90.6 | 90.6 |
| >=3500 | 45.0 | 78.7 | 84.5 | 88.2 | 89.9 | 90.2 | 90.6 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 |
| >=3000 | 45.3 | 79.7 | 85.7 | 89.5 | 91.3 | 91.6 | 91.9 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.5 | 92.5 | 92.7 | 92.7 |
| >=2500 | 45.6 | 80.6 | 86.8 | 90.6 | 92.5 | 92.7 | 93.1 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 |
| >=2000 | 45.9 | 81.4 | 87.7 | 91.6 | 93.4 | 93.6 | 94.1 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.8 | 94.8 | 94.9 | 94.9 |
| >=1800 | 45.9 | 81.5 | 87.8 | 91.6 | 93.5 | 93.7 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.9 | 94.9 | 95.0 | 95.0 |
| >=1500 | 46.2 | 82.0 | 88.3 | 92.2 | 94.0 | 94.3 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 95.8 | 95.8 |
| >=1200 | 46.5 | 82.4 | 88.9 | 92.9 | 94.7 | 95.0 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 | 96.5 | 96.5 |
| >=1000 | 46.5 | 82.6 | 89.0 | 93.1 | 95.0 | 95.3 | 95.8 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.6 | 96.6 | 96.8 | 96.8 |
| >=900 | 46.6 | 82.9 | 89.4 | 93.5 | 95.5 | 95.8 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 97.2 | 97.2 | 97.3 | 97.3 |
| >=800 | 46.6 | 83.0 | 89.5 | 93.5 | 95.5 | 95.9 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.2 | 97.2 | 97.4 | 97.4 |
| >=700 | 46.6 | 83.3 | 89.9 | 93.9 | 95.9 | 96.2 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.6 | 97.6 | 97.8 | 97.8 |
| >=600 | 46.7 | 83.3 | 90.1 | 94.3 | 96.3 | 96.7 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 98.1 | 98.1 | 98.2 | 98.2 |
| >=500 | 46.7 | 83.4 | 90.2 | 94.4 | 96.4 | 96.8 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.2 | 98.2 | 98.3 | 98.3 |
| >=400 | 46.7 | 83.4 | 90.2 | 94.4 | 96.4 | 96.8 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.2 | 98.2 | 98.3 | 98.3 |
| >=300 | 46.7 | 83.6 | 90.6 | 94.6 | 96.6 | 97.1 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 |
| >=200 | 46.7 | 83.6 | 90.6 | 94.6 | 96.6 | 97.1 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 |
| >=100 | 46.7 | 83.6 | 90.6 | 94.6 | 96.6 | 97.1 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 |
| >=0 | 46.7 | 83.6 | 90.6 | 94.6 | 96.6 | 97.1 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : AUG
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6 | >=5 | >=4 | VISIBILITY (STATUTE MILES) | | | | | | | | | | >=1/4 | >=1/2 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|----------------------------|---------|------|---------|------|------|------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-----|
| | | | | | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | | | | |
| UNLIMIT | 29.0 | 56.0 | 61.1 | 65.7 | 67.4 | 67.7 | 68.7 | 69.2 | 69.2 | 69.2 | 69.9 | 70.1 | 70.1 | 70.8 | 71.0 | 71.4 | 71.6 | | | | |
| >=20000 | 30.8 | 60.2 | 65.9 | 70.5 | 72.5 | 72.7 | 73.9 | 74.3 | 74.3 | 74.3 | 75.1 | 75.3 | 75.3 | 76.0 | 76.2 | 76.6 | 76.8 | | | | |
| >=18000 | 31.0 | 60.4 | 66.1 | 70.7 | 72.7 | 72.9 | 74.0 | 74.5 | 74.5 | 74.5 | 75.3 | 75.5 | 75.5 | 76.2 | 76.3 | 76.7 | 77.0 | | | | |
| >=16000 | 31.2 | 60.7 | 66.4 | 71.0 | 73.0 | 73.2 | 74.3 | 74.8 | 74.8 | 74.8 | 75.6 | 75.9 | 75.9 | 76.6 | 76.7 | 77.1 | 77.3 | | | | |
| >=14000 | 32.2 | 62.3 | 68.0 | 72.7 | 74.7 | 75.0 | 76.1 | 76.6 | 76.6 | 76.6 | 77.3 | 77.6 | 77.6 | 78.3 | 78.5 | 78.9 | 79.1 | | | | |
| >=12000 | 33.5 | 64.7 | 70.6 | 75.2 | 77.3 | 77.5 | 78.6 | 79.1 | 79.1 | 79.1 | 79.9 | 80.2 | 80.2 | 80.9 | 81.0 | 81.4 | 81.6 | | | | |
| >=10000 | 34.4 | 66.6 | 72.5 | 77.1 | 79.3 | 79.5 | 80.6 | 81.1 | 81.1 | 81.1 | 81.9 | 82.2 | 82.2 | 82.9 | 83.0 | 83.4 | 83.6 | | | | |
| >=9000 | 34.6 | 67.4 | 73.3 | 77.9 | 80.0 | 80.3 | 81.5 | 82.0 | 82.0 | 82.0 | 82.7 | 83.0 | 83.0 | 83.7 | 83.9 | 84.3 | 84.5 | | | | |
| >=8000 | 35.2 | 68.5 | 74.6 | 79.3 | 81.4 | 81.6 | 82.9 | 83.3 | 83.3 | 83.3 | 84.1 | 84.4 | 84.4 | 85.1 | 85.3 | 85.6 | 85.9 | | | | |
| >=7000 | 35.4 | 69.2 | 75.5 | 80.2 | 82.3 | 82.6 | 83.8 | 84.3 | 84.3 | 84.3 | 85.1 | 85.4 | 85.4 | 86.1 | 86.3 | 86.6 | 86.9 | | | | |
| >=6000 | 35.6 | 69.7 | 76.3 | 81.0 | 83.1 | 83.3 | 84.6 | 85.0 | 85.0 | 85.0 | 85.9 | 86.2 | 86.2 | 86.9 | 87.0 | 87.4 | 87.6 | | | | |
| >=5000 | 35.7 | 70.6 | 77.1 | 82.0 | 84.1 | 84.3 | 85.6 | 86.0 | 86.0 | 86.0 | 86.9 | 87.2 | 87.2 | 87.9 | 88.0 | 88.4 | 88.6 | | | | |
| >=4500 | 35.9 | 71.0 | 77.6 | 82.4 | 84.6 | 84.8 | 86.0 | 86.5 | 86.5 | 86.5 | 87.3 | 87.6 | 87.6 | 88.3 | 88.5 | 88.9 | 89.1 | | | | |
| >=4000 | 36.2 | 71.9 | 78.4 | 83.3 | 85.5 | 85.7 | 86.9 | 87.4 | 87.4 | 87.4 | 88.2 | 88.6 | 88.6 | 89.2 | 89.4 | 89.8 | 90.0 | | | | |
| >=3500 | 36.3 | 72.4 | 79.0 | 83.9 | 86.2 | 86.4 | 87.6 | 88.1 | 88.1 | 88.1 | 88.9 | 89.2 | 89.2 | 89.9 | 90.1 | 90.5 | 90.7 | | | | |
| >=3000 | 36.3 | 72.7 | 79.3 | 84.3 | 86.6 | 86.9 | 88.2 | 88.6 | 88.6 | 88.6 | 89.5 | 89.8 | 89.8 | 90.5 | 90.6 | 91.0 | 91.2 | | | | |
| >=2500 | 36.4 | 73.3 | 80.0 | 85.1 | 87.4 | 87.6 | 88.9 | 89.4 | 89.4 | 89.4 | 90.2 | 91.1 | 91.4 | 91.7 | 92.1 | 92.6 | 92.9 | | | | |
| >=2000 | 36.5 | 73.8 | 80.6 | 85.9 | 88.2 | 88.5 | 89.8 | 90.2 | 90.2 | 90.2 | 91.4 | 92.2 | 92.5 | 92.9 | 93.2 | 93.8 | 94.0 | | | | |
| >=1800 | 36.6 | 74.0 | 80.8 | 86.2 | 88.5 | 88.7 | 90.0 | 90.4 | 90.4 | 90.4 | 91.9 | 92.8 | 93.1 | 93.8 | 94.3 | 94.5 | 94.5 | | | | |
| >=1500 | 36.9 | 74.6 | 81.6 | 86.9 | 89.2 | 89.5 | 90.8 | 91.3 | 91.3 | 91.3 | 92.5 | 93.4 | 93.7 | 94.4 | 94.5 | 94.9 | 95.2 | | | | |
| >=1200 | 37.2 | 75.0 | 82.0 | 87.4 | 89.8 | 90.0 | 91.3 | 91.9 | 91.9 | 91.9 | 93.6 | 94.5 | 94.8 | 95.5 | 95.6 | 96.0 | 96.2 | | | | |
| >=1000 | 37.3 | 75.3 | 82.6 | 87.9 | 90.4 | 90.6 | 91.9 | 92.5 | 92.5 | 92.5 | 94.2 | 95.1 | 95.4 | 96.1 | 96.2 | 96.5 | 96.8 | | | | |
| >=900 | 37.3 | 75.4 | 82.6 | 88.1 | 90.6 | 90.8 | 92.2 | 92.8 | 92.8 | 92.8 | 94.5 | 95.4 | 95.7 | 96.4 | 96.5 | 96.8 | 97.3 | | | | |
| >=800 | 37.3 | 75.5 | 82.7 | 88.2 | 90.6 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 94.6 | 95.5 | 95.8 | 96.5 | 96.6 | 96.9 | 97.4 | | | | |
| >=700 | 37.3 | 75.6 | 82.9 | 88.4 | 90.9 | 91.2 | 92.6 | 93.3 | 93.3 | 93.3 | 95.0 | 95.9 | 96.2 | 96.9 | 97.0 | 97.3 | 97.8 | | | | |
| >=600 | 37.3 | 75.7 | 83.0 | 88.7 | 91.2 | 91.5 | 92.9 | 93.6 | 93.6 | 93.6 | 95.3 | 96.2 | 96.5 | 97.2 | 97.3 | 97.6 | 98.1 | | | | |
| >=500 | 37.4 | 76.1 | 83.5 | 89.2 | 91.7 | 91.9 | 93.5 | 94.2 | 94.2 | 94.2 | 95.9 | 96.8 | 97.1 | 97.8 | 97.9 | 98.2 | 98.7 | | | | |
| >=400 | 37.4 | 76.1 | 83.6 | 89.6 | 92.2 | 92.5 | 94.0 | 94.7 | 94.7 | 94.7 | 96.4 | 97.3 | 97.6 | 98.3 | 98.4 | 98.7 | 99.2 | | | | |
| >=300 | 37.4 | 76.3 | 84.1 | 90.2 | 93.1 | 93.5 | 95.4 | 96.3 | 96.3 | 96.3 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | | | | |
| >=200 | 37.4 | 76.4 | 84.3 | 90.6 | 93.3 | 93.5 | 95.4 | 96.3 | 96.3 | 96.3 | 98.0 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | | | | |
| >=100 | 37.4 | 76.4 | 84.3 | 90.6 | 93.6 | 93.6 | 95.5 | 96.5 | 96.5 | 96.5 | 98.2 | 99.1 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | | | | |
| >=0 | 37.4 | 76.4 | 84.3 | 90.6 | 93.4 | 93.6 | 95.5 | 96.5 | 96.5 | 96.5 | 98.3 | 99.2 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | | | | |

TOTAL NO. OF CRS : 1302

01388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | 3/4 | >=5/8 |
| UNLIMIT | 27.9 | 45.0 | 54.1 | 56.5 | 59.4 | 60.2 | 61.5 | 62.2 | 62.2 | 62.2 | 62.2 | 62.9 | 63.0 | 63.7 | 63.7 | 63.7 |
| >=20000 | 30.5 | 53.8 | 59.4 | 61.9 | 65.0 | 65.9 | 67.6 | 68.3 | 68.3 | 68.3 | 68.3 | 69.0 | 69.2 | 69.9 | 69.9 | 69.9 |
| >=18000 | 30.6 | 54.0 | 59.6 | 62.1 | 65.3 | 66.2 | 67.9 | 68.6 | 68.6 | 68.6 | 68.6 | 69.3 | 69.5 | 70.2 | 70.2 | 70.3 |
| >=16000 | 30.9 | 54.3 | 60.0 | 62.5 | 65.6 | 66.6 | 68.3 | 69.0 | 69.0 | 69.0 | 69.0 | 69.7 | 69.9 | 70.6 | 70.6 | 70.7 |
| >=14000 | 31.6 | 56.2 | 62.1 | 64.8 | 68.0 | 68.9 | 70.6 | 71.4 | 71.4 | 71.4 | 71.4 | 72.1 | 72.3 | 73.0 | 73.0 | 73.2 |
| >=12000 | 33.1 | 58.6 | 64.8 | 67.5 | 70.9 | 71.8 | 73.5 | 74.3 | 74.3 | 74.3 | 74.3 | 74.9 | 75.2 | 76.0 | 76.0 | 76.5 |
| >=10000 | 33.7 | 60.6 | 67.0 | 70.1 | 73.7 | 74.6 | 76.6 | 77.3 | 77.3 | 77.3 | 77.3 | 78.0 | 78.3 | 79.1 | 79.1 | 79.6 |
| >=9000 | 34.1 | 61.6 | 68.3 | 71.6 | 75.2 | 76.2 | 78.1 | 78.9 | 78.9 | 78.9 | 78.9 | 79.6 | 79.9 | 80.6 | 80.6 | 81.1 |
| >=8000 | 34.9 | 62.9 | 69.8 | 73.4 | 77.1 | 78.2 | 80.1 | 80.9 | 80.9 | 80.9 | 80.9 | 81.7 | 82.0 | 82.8 | 82.8 | 83.2 |
| >=7000 | 35.4 | 63.6 | 70.6 | 74.3 | 77.9 | 79.1 | 81.0 | 81.8 | 81.8 | 81.8 | 81.8 | 82.6 | 82.9 | 83.7 | 83.7 | 84.2 |
| >=6000 | 35.7 | 64.4 | 71.4 | 75.1 | 78.8 | 79.9 | 81.9 | 82.7 | 82.7 | 82.7 | 82.7 | 83.6 | 83.9 | 84.6 | 84.6 | 85.1 |
| >=5000 | 36.0 | 65.1 | 72.1 | 75.9 | 79.6 | 80.8 | 82.8 | 83.6 | 83.6 | 83.6 | 83.6 | 84.5 | 84.8 | 85.5 | 85.5 | 86.0 |
| >=4500 | 36.1 | 65.4 | 72.5 | 76.2 | 80.0 | 81.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 84.9 | 85.2 | 85.9 | 85.9 | 86.4 |
| >=4000 | 36.4 | 65.9 | 73.0 | 76.9 | 80.6 | 81.8 | 83.8 | 84.6 | 84.6 | 84.6 | 84.6 | 85.5 | 85.9 | 86.6 | 86.6 | 87.1 |
| >=3500 | 36.6 | 66.2 | 73.4 | 77.3 | 81.1 | 82.2 | 84.2 | 85.1 | 85.1 | 85.1 | 85.1 | 86.0 | 86.3 | 87.1 | 87.1 | 87.5 |
| >=3000 | 36.7 | 66.9 | 74.1 | 78.1 | 81.9 | 83.1 | 85.2 | 86.0 | 86.0 | 86.0 | 86.0 | 86.9 | 87.2 | 88.0 | 88.0 | 88.5 |
| >=2500 | 36.9 | 67.3 | 74.6 | 78.7 | 82.5 | 83.7 | 85.8 | 86.6 | 86.6 | 86.6 | 86.6 | 87.6 | 87.9 | 88.7 | 88.7 | 89.2 |
| >=2000 | 37.0 | 67.9 | 75.1 | 79.3 | 83.2 | 84.5 | 86.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.5 | 88.8 | 89.5 | 89.5 | 90.0 |
| >=1800 | 37.1 | 67.9 | 75.2 | 79.4 | 83.4 | 84.7 | 86.8 | 87.7 | 87.7 | 87.7 | 87.7 | 88.7 | 89.0 | 89.8 | 89.8 | 90.2 |
| >=1500 | 37.7 | 68.7 | 76.1 | 80.3 | 84.3 | 85.6 | 87.7 | 88.8 | 88.8 | 88.8 | 88.8 | 89.8 | 90.2 | 90.9 | 90.9 | 91.4 |
| >=1200 | 37.8 | 69.0 | 76.4 | 80.6 | 84.9 | 86.2 | 88.3 | 89.4 | 89.4 | 89.4 | 89.4 | 90.4 | 90.8 | 91.5 | 91.5 | 92.0 |
| >=1000 | 38.0 | 69.5 | 76.9 | 81.2 | 85.4 | 86.8 | 89.0 | 90.2 | 90.2 | 90.2 | 90.2 | 91.2 | 91.5 | 92.3 | 92.3 | 92.8 |
| >=900 | 38.4 | 69.9 | 77.4 | 81.8 | 86.0 | 87.4 | 89.7 | 90.9 | 90.9 | 90.9 | 90.9 | 91.9 | 92.2 | 92.9 | 92.9 | 93.5 |
| >=800 | 38.4 | 70.1 | 77.6 | 82.0 | 86.2 | 87.7 | 90.1 | 91.2 | 91.2 | 91.2 | 91.2 | 92.2 | 92.6 | 93.4 | 93.4 | 93.9 |
| >=700 | 38.5 | 70.3 | 77.8 | 82.3 | 86.5 | 88.0 | 90.4 | 91.5 | 91.5 | 91.5 | 91.5 | 92.5 | 92.9 | 93.7 | 93.7 | 94.2 |
| >=600 | 38.6 | 70.6 | 78.2 | 82.9 | 87.2 | 88.7 | 91.2 | 92.3 | 92.3 | 92.3 | 92.3 | 93.3 | 93.7 | 94.5 | 94.5 | 94.9 |
| >=500 | 38.7 | 71.0 | 78.8 | 83.5 | 88.0 | 89.7 | 92.2 | 93.4 | 93.4 | 93.4 | 93.4 | 94.4 | 94.9 | 95.6 | 95.6 | 96.1 |
| >=400 | 38.8 | 71.3 | 79.2 | 83.9 | 88.7 | 90.5 | 93.3 | 94.5 | 94.5 | 94.5 | 94.5 | 95.5 | 95.9 | 96.7 | 96.7 | 97.2 |
| >=300 | 38.9 | 71.5 | 79.6 | 84.6 | 89.5 | 91.4 | 94.4 | 95.6 | 95.6 | 95.6 | 95.6 | 96.8 | 97.4 | 98.2 | 98.2 | 98.7 |
| >=200 | 38.9 | 71.5 | 79.6 | 84.6 | 89.5 | 91.4 | 94.4 | 95.8 | 95.8 | 95.8 | 95.8 | 97.1 | 97.8 | 98.8 | 98.8 | 99.4 |
| >=100 | 38.9 | 71.5 | 79.6 | 84.6 | 89.5 | 91.4 | 94.4 | 95.8 | 95.8 | 95.8 | 95.8 | 97.2 | 98.0 | 99.0 | 99.0 | 99.8 |
| >= 0 | 38.9 | 71.5 | 79.6 | 84.6 | 89.5 | 91.4 | 94.4 | 95.8 | 95.8 | 95.8 | 95.8 | 97.2 | 98.0 | 99.0 | 99.0 | 100.0 |

TOTAL NO. OF OBS : 1301

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : AUG
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 38.2 | 51.6 | 53.0 | 53.6 | 54.5 | 54.7 | 55.1 | 55.1 | 55.1 | 55.1 |
| >=20000 | 41.5 | 56.5 | 58.0 | 58.7 | 59.7 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 |
| >=18000 | 41.9 | 57.0 | 58.5 | 59.2 | 60.2 | 60.5 | 60.9 | 60.9 | 60.9 | 60.9 |
| >=16000 | 42.2 | 57.4 | 58.9 | 59.6 | 60.6 | 60.9 | 61.4 | 61.4 | 61.4 | 61.4 |
| >=14000 | 43.9 | 59.4 | 61.3 | 62.1 | 63.1 | 63.4 | 63.9 | 63.9 | 63.9 | 63.9 |
| >=12000 | 46.4 | 62.7 | 64.7 | 65.4 | 66.5 | 66.9 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=10000 | 47.9 | 65.1 | 67.2 | 68.0 | 69.1 | 69.6 | 70.2 | 70.2 | 70.2 | 70.2 |
| >=9000 | 48.1 | 65.6 | 67.8 | 68.7 | 69.9 | 70.4 | 71.0 | 71.0 | 71.0 | 71.0 |
| >=8000 | 48.5 | 66.6 | 68.9 | 69.9 | 71.0 | 71.5 | 72.2 | 72.2 | 72.2 | 72.2 |
| >=7000 | 48.7 | 67.1 | 69.4 | 70.5 | 71.7 | 72.1 | 72.9 | 72.9 | 72.9 | 72.9 |
| >=6000 | 49.1 | 67.9 | 70.3 | 71.4 | 72.5 | 73.0 | 73.7 | 73.7 | 73.7 | 73.7 |
| >=5000 | 49.6 | 68.8 | 71.2 | 72.3 | 73.5 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 |
| >=4500 | 50.0 | 69.4 | 71.7 | 72.9 | 74.1 | 74.6 | 75.4 | 75.4 | 75.4 | 75.4 |
| >=4000 | 50.1 | 69.4 | 71.9 | 73.1 | 74.3 | 74.9 | 75.7 | 75.7 | 75.7 | 75.7 |
| >=3500 | 50.5 | 70.3 | 72.8 | 74.0 | 75.3 | 75.8 | 76.7 | 76.7 | 76.7 | 76.7 |
| >=3000 | 52.0 | 72.4 | 75.1 | 76.3 | 77.6 | 78.1 | 79.0 | 79.0 | 79.0 | 79.0 |
| >=2500 | 56.5 | 77.6 | 80.3 | 81.6 | 82.9 | 83.4 | 84.3 | 84.3 | 84.3 | 84.3 |
| >=2000 | 59.6 | 81.6 | 84.5 | 85.8 | 87.3 | 87.9 | 88.8 | 88.8 | 88.8 | 88.8 |
| >=1800 | 60.3 | 82.6 | 85.6 | 86.9 | 88.4 | 89.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| >=1500 | 62.0 | 85.8 | 88.9 | 90.2 | 91.7 | 92.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| >=1200 | 62.7 | 87.2 | 90.3 | 91.7 | 93.5 | 94.2 | 95.4 | 95.4 | 95.4 | 95.4 |
| >=1000 | 62.9 | 88.2 | 91.5 | 92.9 | 94.9 | 95.6 | 96.8 | 96.9 | 96.9 | 96.9 |
| >=900 | 63.1 | 88.9 | 92.1 | 93.5 | 95.5 | 96.2 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=800 | 63.2 | 89.1 | 92.4 | 93.9 | 95.9 | 96.7 | 97.9 | 98.0 | 98.0 | 98.0 |
| >=700 | 63.2 | 89.4 | 92.8 | 94.3 | 96.2 | 97.1 | 98.2 | 98.4 | 98.4 | 98.4 |
| >=600 | 63.2 | 89.6 | 93.1 | 94.6 | 96.6 | 97.5 | 98.8 | 98.9 | 98.9 | 98.9 |
| >=500 | 63.2 | 89.9 | 93.4 | 94.9 | 96.9 | 97.8 | 99.1 | 99.3 | 99.3 | 99.3 |
| >=400 | 63.2 | 89.9 | 93.4 | 95.0 | 97.0 | 97.8 | 99.3 | 99.5 | 99.5 | 99.5 |
| >=300 | 63.2 | 89.9 | 93.4 | 95.0 | 97.1 | 98.0 | 99.5 | 99.8 | 99.8 | 99.8 |
| >=200 | 63.2 | 89.9 | 93.4 | 95.0 | 97.1 | 98.0 | 99.5 | 99.9 | 99.9 | 99.9 |
| >=100 | 63.2 | 89.9 | 93.4 | 95.0 | 97.1 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 |
| >=0 | 63.2 | 89.9 | 93.4 | 95.0 | 97.1 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

C - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 30.3 | 40.1 | 41.7 | 42.3 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| >=20000 | 35.3 | 47.3 | 49.0 | 49.7 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| >=18000 | 35.7 | 47.7 | 49.4 | 50.0 | 50.5 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| >=16000 | 36.0 | 48.1 | 49.9 | 50.5 | 51.0 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| >=14000 | 37.7 | 50.2 | 52.1 | 52.7 | 53.2 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| >=12000 | 39.0 | 52.2 | 54.3 | 55.0 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| >=10000 | 39.9 | 53.9 | 56.3 | 56.9 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| >= 9000 | 40.2 | 54.3 | 56.9 | 57.5 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| >= 8000 | 40.7 | 55.6 | 58.4 | 59.1 | 59.7 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| >= 7000 | 40.9 | 56.0 | 58.9 | 59.6 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| >= 6000 | 41.2 | 56.7 | 59.6 | 60.3 | 61.0 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| >= 5000 | 42.1 | 57.6 | 60.6 | 61.3 | 62.0 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| >= 4500 | 42.7 | 58.4 | 61.4 | 62.2 | 62.9 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >= 4000 | 44.0 | 60.3 | 63.5 | 64.3 | 65.0 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| >= 3500 | 48.3 | 65.6 | 69.0 | 70.1 | 70.9 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| >= 3000 | 55.1 | 75.1 | 78.6 | 79.9 | 80.9 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| >= 2500 | 60.3 | 83.1 | 86.9 | 88.5 | 89.5 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| >= 2000 | 62.6 | 87.2 | 91.2 | 92.9 | 94.0 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >= 1800 | 63.0 | 87.9 | 91.9 | 93.5 | 94.8 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| >= 1500 | 63.3 | 89.3 | 93.5 | 95.1 | 96.3 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| >= 1200 | 63.3 | 89.8 | 93.9 | 95.5 | 96.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| >= 1000 | 63.3 | 90.0 | 94.2 | 96.0 | 97.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| >= 900 | 63.3 | 90.2 | 94.5 | 96.3 | 97.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| >= 800 | 63.3 | 90.4 | 94.8 | 96.5 | 98.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| >= 700 | 63.4 | 90.6 | 95.2 | 96.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 600 | 63.4 | 90.6 | 95.2 | 96.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 500 | 63.4 | 90.6 | 95.2 | 96.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >= 400 | 63.4 | 90.6 | 95.2 | 97.0 | 98.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| >= 300 | 63.4 | 90.6 | 95.2 | 97.0 | 98.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >= 200 | 63.4 | 90.6 | 95.2 | 97.0 | 98.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >= 100 | 63.4 | 90.6 | 95.2 | 97.0 | 98.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >= 0 | 63.4 | 90.6 | 95.2 | 97.0 | 98.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NO. OF OBS : 1501

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 35.9 | 49.8 | 52.4 | 53.5 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| >=20000 | 42.5 | 58.5 | 61.5 | 62.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| >=18000 | 42.7 | 58.8 | 61.8 | 62.9 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| >=16000 | 42.9 | 59.1 | 62.1 | 63.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| >=14000 | 44.2 | 60.8 | 63.7 | 64.9 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| >=12000 | 45.9 | 63.5 | 66.5 | 67.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| >=10000 | 47.4 | 66.1 | 69.4 | 70.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| >=9000 | 47.8 | 67.1 | 70.5 | 71.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| >=8000 | 48.5 | 68.5 | 72.0 | 73.3 | 74.6 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| >=7000 | 48.8 | 69.4 | 73.2 | 74.5 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| >=6000 | 49.2 | 70.2 | 74.0 | 75.3 | 76.6 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| >=5000 | 49.8 | 71.3 | 75.2 | 76.7 | 78.0 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| >=4500 | 50.2 | 72.1 | 76.1 | 77.7 | 79.0 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| >=4000 | 51.2 | 73.4 | 77.7 | 79.4 | 81.0 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| >=3500 | 53.1 | 76.3 | 81.0 | 82.6 | 84.3 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| >=3000 | 54.6 | 79.0 | 83.7 | 85.5 | 87.2 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| >=2500 | 56.6 | 82.4 | 87.4 | 89.4 | 91.3 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| >=2000 | 57.5 | 84.1 | 89.4 | 91.6 | 93.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| >=1800 | 57.7 | 84.5 | 89.8 | 91.9 | 94.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=1500 | 58.1 | 85.4 | 90.9 | 93.2 | 95.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 |
| >=1200 | 58.3 | 85.9 | 91.4 | 93.9 | 96.1 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 |
| >=1000 | 58.4 | 86.3 | 91.7 | 94.3 | 96.7 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 |
| >=900 | 58.5 | 86.4 | 91.9 | 94.5 | 96.9 | 97.7 | 98.2 | 98.5 | 98.6 | 98.6 |
| >=800 | 58.5 | 86.6 | 92.1 | 94.7 | 97.2 | 98.0 | 98.5 | 99.0 | 99.1 | 99.1 |
| >=700 | 58.5 | 86.7 | 92.2 | 94.8 | 97.2 | 98.0 | 98.7 | 99.3 | 99.4 | 99.4 |
| >=600 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.7 | 99.5 | 99.6 | 99.6 |
| >=500 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.8 | 99.6 | 99.7 | 99.7 |
| >=400 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.9 | 99.6 | 99.8 | 99.8 |
| >=300 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.9 | 99.7 | 99.9 | 99.9 |
| >=200 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.9 | 99.7 | 99.9 | 99.9 |
| >=100 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.9 | 99.7 | 99.9 | 100.0 |
| >=0 | 58.5 | 86.7 | 92.2 | 94.9 | 97.3 | 98.1 | 98.9 | 99.7 | 99.9 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

W13880 : CHAFLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : AUG
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILE)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 36.1 | 53.7 | 56.8 | 58.4 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| >=20000 | 44.5 | 65.7 | 69.5 | 71.4 | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| >=18000 | 45.0 | 66.4 | 70.2 | 72.1 | 73.0 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| >=16000 | 45.1 | 66.5 | 70.4 | 72.3 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=14000 | 46.5 | 69.0 | 72.9 | 74.8 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| >=12000 | 48.4 | 72.1 | 76.3 | 78.3 | 79.6 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| >=10000 | 50.4 | 75.2 | 79.6 | 81.7 | 82.9 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| >=9000 | 51.1 | 76.4 | 80.9 | 83.1 | 84.5 | 84.6 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| >=8000 | 51.5 | 77.9 | 82.4 | 84.8 | 86.3 | 86.5 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| >=7000 | 51.8 | 78.8 | 83.6 | 86.2 | 87.7 | 87.9 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| >=6000 | 52.2 | 79.3 | 84.3 | 86.8 | 88.3 | 88.6 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| >=5000 | 52.3 | 80.0 | 85.1 | 87.6 | 89.2 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| >=4500 | 52.5 | 80.6 | 85.7 | 88.2 | 89.8 | 90.0 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=4000 | 52.6 | 81.4 | 86.7 | 89.2 | 90.9 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=3500 | 53.0 | 82.1 | 87.4 | 90.1 | 91.7 | 91.9 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| >=3000 | 53.2 | 82.8 | 88.2 | 91.0 | 92.7 | 93.0 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| >=2500 | 53.6 | 83.6 | 89.1 | 91.9 | 93.7 | 94.0 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| >=2000 | 53.9 | 84.6 | 90.1 | 93.0 | 94.8 | 95.2 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| >=1800 | 54.1 | 85.3 | 90.9 | 93.9 | 95.8 | 96.2 | 96.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| >=1500 | 54.4 | 86.0 | 91.6 | 94.8 | 96.7 | 97.2 | 97.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| >=1200 | 54.4 | 86.1 | 91.7 | 95.0 | 96.9 | 97.5 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=900 | 54.4 | 86.2 | 91.8 | 95.1 | 97.0 | 97.5 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=800 | 54.5 | 86.4 | 92.0 | 95.3 | 97.3 | 97.8 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=700 | 54.5 | 86.4 | 92.1 | 95.5 | 97.5 | 98.0 | 98.7 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=600 | 54.5 | 86.4 | 92.1 | 95.5 | 97.5 | 98.1 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=500 | 54.5 | 86.5 | 92.2 | 95.6 | 97.6 | 98.2 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=400 | 54.5 | 86.6 | 92.2 | 95.6 | 97.8 | 98.4 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| >=300 | 54.5 | 86.6 | 92.2 | 95.6 | 97.8 | 98.5 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=200 | 54.5 | 86.6 | 92.2 | 95.6 | 97.8 | 98.5 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=100 | 54.5 | 86.6 | 92.2 | 95.6 | 97.8 | 98.5 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 54.5 | 86.6 | 92.2 | 95.6 | 97.8 | 98.5 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1/2 | >=5/8 | >=3/4 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 36.1 | 60.1 | 64.5 | 66.4 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| >=20000 | 40.5 | 67.3 | 72.0 | 74.3 | 75.0 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| >=18000 | 40.8 | 67.6 | 72.3 | 74.6 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| >=16000 | 41.1 | 68.0 | 72.7 | 75.0 | 75.8 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| >=14000 | 42.5 | 70.2 | 74.9 | 77.2 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| >=12000 | 43.9 | 72.6 | 77.7 | 80.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| >=10000 | 45.6 | 76.0 | 81.2 | 83.6 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| >=9000 | 46.2 | 76.6 | 81.9 | 84.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| >=8000 | 47.1 | 78.3 | 83.7 | 86.1 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| >=7000 | 47.4 | 79.3 | 84.9 | 87.3 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| >=6000 | 47.7 | 79.9 | 85.6 | 88.0 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| >=5000 | 48.1 | 80.7 | 86.6 | 88.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| >=4500 | 48.4 | 81.7 | 87.6 | 90.0 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| >=4000 | 48.5 | 82.6 | 88.6 | 90.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| >=3500 | 48.8 | 83.1 | 89.0 | 91.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| >=3000 | 49.0 | 83.7 | 89.8 | 92.2 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| >=2500 | 49.2 | 84.5 | 90.7 | 93.2 | 94.5 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=2000 | 49.4 | 85.2 | 91.4 | 93.9 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| >=1800 | 49.4 | 85.4 | 91.6 | 94.1 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| >=1500 | 49.8 | 86.1 | 92.6 | 95.2 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| >=1200 | 49.8 | 86.3 | 92.9 | 95.7 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| >=1000 | 50.0 | 86.6 | 93.3 | 96.2 | 97.8 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=900 | 50.0 | 86.7 | 93.5 | 96.4 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| >=800 | 50.1 | 86.9 | 93.6 | 96.5 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=700 | 50.1 | 86.9 | 93.8 | 96.8 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=600 | 50.1 | 86.9 | 93.9 | 96.9 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=500 | 50.1 | 86.9 | 94.1 | 97.1 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=400 | 50.1 | 87.1 | 94.2 | 97.2 | 99.0 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| >=300 | 50.1 | 87.2 | 94.4 | 97.4 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=200 | 50.1 | 87.2 | 94.5 | 97.5 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=100 | 50.1 | 87.2 | 94.5 | 97.5 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 50.1 | 87.2 | 94.5 | 97.5 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 33.6 | 52.6 | 56.0 | 58.0 | 59.1 | 59.3 | 59.7 | 59.9 | 60.1 | 60.1 | 60.4 | 60.4 | 60.5 | 60.5 |
| >=20000 | 38.0 | 59.3 | 63.2 | 65.3 | 66.6 | 66.9 | 67.4 | 67.5 | 67.7 | 67.8 | 68.0 | 68.0 | 68.1 | 68.2 |
| >=18000 | 38.3 | 59.7 | 63.5 | 65.6 | 66.9 | 67.2 | 67.7 | 67.9 | 68.1 | 68.1 | 68.4 | 68.4 | 68.5 | 68.5 |
| >=16000 | 38.5 | 60.0 | 63.9 | 66.0 | 67.3 | 67.6 | 68.1 | 68.3 | 68.5 | 68.6 | 68.8 | 68.8 | 68.9 | 68.9 |
| >=14000 | 39.8 | 62.0 | 65.9 | 68.1 | 69.5 | 69.8 | 70.3 | 70.5 | 70.7 | 70.7 | 71.0 | 71.0 | 71.1 | 71.1 |
| >=12000 | 41.4 | 64.6 | 68.8 | 71.0 | 72.5 | 72.8 | 73.2 | 73.4 | 73.7 | 73.7 | 74.0 | 74.0 | 74.1 | 74.1 |
| >=10000 | 42.7 | 67.0 | 71.4 | 73.7 | 75.3 | 75.6 | 76.1 | 76.3 | 76.5 | 76.6 | 76.8 | 76.8 | 76.9 | 77.0 |
| >=9000 | 43.1 | 67.8 | 72.3 | 74.7 | 76.3 | 76.6 | 77.2 | 77.4 | 77.6 | 77.6 | 77.9 | 77.9 | 78.0 | 78.0 |
| >=8000 | 43.7 | 69.2 | 73.8 | 76.2 | 77.9 | 78.3 | 78.9 | 79.1 | 79.3 | 79.3 | 79.6 | 79.6 | 79.7 | 79.7 |
| >=7000 | 44.0 | 69.9 | 74.6 | 77.1 | 78.8 | 79.2 | 79.8 | 80.0 | 80.2 | 80.3 | 80.5 | 80.5 | 80.6 | 80.7 |
| >=6000 | 44.3 | 70.5 | 75.4 | 77.9 | 79.6 | 80.0 | 80.6 | 80.8 | 81.0 | 81.1 | 81.3 | 81.3 | 81.4 | 81.5 |
| >=5000 | 44.7 | 71.4 | 76.3 | 78.9 | 80.6 | 81.0 | 81.6 | 81.8 | 82.0 | 82.1 | 82.3 | 82.4 | 82.5 | 82.5 |
| >=4500 | 45.0 | 72.0 | 77.0 | 79.6 | 81.3 | 81.7 | 82.3 | 82.5 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.2 |
| >=4000 | 45.4 | 72.9 | 78.0 | 80.6 | 82.3 | 82.7 | 83.4 | 83.6 | 83.9 | 83.9 | 84.1 | 84.2 | 84.3 | 84.3 |
| >=3500 | 46.4 | 74.4 | 79.5 | 82.2 | 84.0 | 84.4 | 85.1 | 85.3 | 85.5 | 85.6 | 85.8 | 85.9 | 85.9 | 86.0 |
| >=3000 | 47.8 | 76.5 | 81.6 | 84.6 | 86.5 | 86.9 | 87.6 | 87.8 | 88.1 | 88.1 | 88.4 | 88.4 | 88.5 | 88.5 |
| >=2500 | 49.4 | 79.0 | 84.5 | 87.4 | 89.3 | 89.7 | 90.5 | 90.7 | 90.9 | 91.0 | 91.3 | 91.3 | 91.4 | 91.4 |
| >=2000 | 50.3 | 80.7 | 86.2 | 89.2 | 91.3 | 91.7 | 92.5 | 92.8 | 93.0 | 93.1 | 93.3 | 93.4 | 93.4 | 93.5 |
| >=1800 | 50.5 | 81.1 | 86.7 | 89.6 | 91.7 | 92.2 | 93.0 | 93.2 | 93.5 | 93.6 | 93.8 | 93.8 | 93.9 | 94.0 |
| >=1500 | 51.0 | 82.1 | 87.8 | 90.9 | 93.0 | 93.5 | 94.3 | 94.6 | 94.8 | 94.9 | 95.2 | 95.2 | 95.3 | 95.4 |
| >=1200 | 51.2 | 82.7 | 88.4 | 91.6 | 93.7 | 94.2 | 95.1 | 95.4 | 95.7 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 |
| >=1000 | 51.4 | 83.1 | 88.9 | 92.1 | 94.3 | 94.9 | 95.8 | 96.1 | 96.4 | 96.5 | 96.7 | 96.8 | 96.8 | 96.9 |
| >=900 | 51.4 | 83.3 | 89.1 | 92.4 | 94.7 | 95.2 | 96.1 | 96.4 | 96.8 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 |
| >=800 | 51.5 | 83.5 | 89.3 | 92.6 | 94.9 | 95.4 | 96.4 | 96.7 | 97.0 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 |
| >=700 | 51.5 | 83.6 | 89.6 | 92.9 | 95.2 | 95.7 | 96.7 | 97.0 | 97.4 | 97.5 | 97.8 | 97.8 | 97.9 | 97.9 |
| >=600 | 51.5 | 83.8 | 89.7 | 93.1 | 95.4 | 96.0 | 97.0 | 97.4 | 97.7 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 |
| >=500 | 51.6 | 83.9 | 89.9 | 93.3 | 95.7 | 96.3 | 97.3 | 97.7 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 | 98.6 |
| >=400 | 51.6 | 84.0 | 90.0 | 93.5 | 95.9 | 96.5 | 97.7 | 98.0 | 98.4 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 |
| >=300 | 51.6 | 84.1 | 90.2 | 93.7 | 96.2 | 96.8 | 98.0 | 98.4 | 98.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.5 |
| >=200 | 51.6 | 84.1 | 90.2 | 93.8 | 96.3 | 96.9 | 98.2 | 98.6 | 99.1 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 |
| >=100 | 51.6 | 84.1 | 90.2 | 93.8 | 96.3 | 96.9 | 98.2 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 |
| >=0 | 51.6 | 84.1 | 90.2 | 93.8 | 96.3 | 96.9 | 98.2 | 98.6 | 99.1 | 99.4 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NO. OF OBS : 10414

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|----|-------|-----|--|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | 4.0 | 6.3 | 3.3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.0 | 5.2 | | | |
| NNE | 2.4 | 6.7 | 7.4 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 18.5 | 7.0 | | | |
| NE | .6 | 5.1 | 3.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 6.9 | | | |
| ENE | 1.0 | 1.8 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 4.8 | | | |
| E | .7 | .7 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.6 | | | |
| ESE | .6 | .8 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.4 | | | |
| SE | .2 | .9 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 5.8 | | | |
| SSE | .5 | .7 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 6.2 | | | |
| S | 1.9 | 3.0 | 1.2 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 5.5 | | | |
| SSW | 1.9 | 2.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 5.0 | | | |
| SW | .5 | 2.2 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 6.2 | | | |
| WSW | .6 | 1.3 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.9 | | | |
| W | .5 | 1.0 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 6.3 | | | |
| WNW | .3 | 1.7 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 6.0 | | | |
| NW | .5 | 1.0 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.0 | | | |
| NNW | 1.0 | 2.5 | .6 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 5.1 | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 15.2 | .0 | | | |
| ALL | 17.3 | 38.1 | 23.4 | 5.6 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.1 | | | |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | 3.3 | 8.5 | 4.2 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 17.1 | 5.9 |
| NNE | 2.5 | 8.0 | 2.2 | 3.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 21.9 | 7.2 |
| NE | 1.4 | 2.9 | 4.0 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.9 | 6.5 |
| ENE | .8 | 1.1 | .5 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 2.6 | 6.2 |
| E | .3 | .7 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 5.7 |
| ESE | .2 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | 4.4 |
| SE | .6 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 5.1 |
| SSE | .4 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 4.6 |
| S | .6 | 1.3 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 5.8 |
| SSW | .7 | 1.6 | 1.2 | .2 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | 3.8 | 6.5 |
| SW | .7 | 2.0 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 6.0 |
| WSW | .6 | 1.9 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.9 |
| W | .8 | 1.8 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 5.2 |
| WNW | .6 | .9 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.5 |
| NW | .9 | 2.0 | .3 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 3.4 | 5.6 |
| NNW | 1.3 | 4.4 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 5.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.3 | .0 |
| ALL | 15.6 | 38.7 | 24.4 | 6.2 | .4 | .2 | .2 | .0 | .0 | .0 | .0 | 100.0 | 5.3 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|--|--|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | 2.9 | 7.7 | 4.8 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 16.4 | 6.2 | | | | |
| NNE | 2.1 | 7.9 | 11.1 | 4.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 25.4 | 7.8 | | | | |
| NE | 1.3 | 4.1 | 5.0 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 12.0 | 7.2 | | | | |
| ENE | .9 | 1.0 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 5.3 | | | | |
| E | .4 | .7 | .5 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.4 | | | | |
| ESE | .5 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 4.6 | | | | |
| SE | .2 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 5.8 | | | | |
| SSE | .4 | .3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 5.3 | | | | |
| S | .7 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 4.9 | | | | |
| SSW | .4 | 1.7 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.8 | | | | |
| SW | .6 | 2.1 | 1.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 6.3 | | | | |
| WSW | .3 | 2.0 | 2.3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.5 | | | | |
| W | .4 | 2.0 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 6.2 | | | | |
| WNW | 1.0 | 1.7 | .2 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 3.1 | 5.5 | | | | |
| NW | .7 | 1.5 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 5.3 | | | | |
| NNW | 1.7 | 2.7 | 1.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 5.3 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | .0 | | | | |
| ALL | 14.4 | 37.1 | 30.1 | 7.8 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.9 | | | | |

TOTAL NO. OF OBS : 1260

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | - | 3 | 4 | - | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN |
|--------|-----|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|
| DIR. | | | | | | | | | | | | | | | | % | WIND SPEED |
| N | .9 | | | 2.9 | | | 5.0 | 3.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 12.1 | 8.5 |
| NNE | .4 | | | 2.3 | | | 7.1 | 4.7 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 14.9 | 9.5 |
| NE | .6 | | | 2.9 | | | 8.1 | 5.5 | .7 | .0 | .1 | .0 | .0 | .0 | .0 | 17.4 | 9.5 |
| NNE | .3 | | | 1.4 | | | 7.9 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 8.8 |
| E | .4 | | | 1.3 | | | 7.3 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 8.2 |
| ESE | .2 | | | .7 | | | .9 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.9 |
| SE | .3 | | | .4 | | | 1.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 7.9 |
| SSE | .4 | | | .6 | | | .8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 7.4 |
| S | .6 | | | 1.3 | | | 1.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.0 |
| SSW | .2 | | | .7 | | | 1.3 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.1 |
| SW | .3 | | | 1.5 | | | 2.0 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 7.6 |
| WSW | .4 | | | 1.7 | | | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.3 |
| W | .3 | | | 1.4 | | | 2.5 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.9 |
| WNW | .5 | | | 2.1 | | | 1.3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.0 |
| NW | .3 | | | 1.6 | | | .8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.4 |
| NNW | .8 | | | 1.3 | | | 1.2 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.3 |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | .0 |
| ALL | 7.0 | | | 24.1 | | | 44.0 | 21.7 | 1.7 | .1 | .1 | .0 | .0 | .0 | .0 | 100.0 | 8.3 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | MEAN WIND SPEED |
|-------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------|
| N | .4 | 1.9 | 3.9 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 8.7 |
| NNE | .5 | 2.5 | 4.9 | 3.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 12.1 | 9.2 |
| NE | .2 | 1.4 | 6.8 | 3.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.4 | 9.4 |
| ENE | .2 | 1.4 | 4.1 | 2.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 9.2 |
| E | .2 | 1.3 | 3.7 | 2.9 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | 8.3 | 10.0 |
| ESE | .4 | 1.0 | 2.4 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.3 |
| SE | .2 | .9 | 2.6 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.4 | 9.2 |
| SSE | .3 | 1.4 | 2.4 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 8.3 |
| S | .2 | 1.0 | 2.9 | 1.3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.1 |
| SSW | .0 | .8 | 1.7 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 9.4 |
| SW | .7 | .8 | 1.8 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.0 |
| WSW | .2 | 1.4 | 2.3 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.8 |
| W | .2 | 1.7 | 2.1 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 8.0 |
| WNW | .2 | .7 | 1.8 | .5 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | 3.5 | 9.0 |
| NW | .2 | 1.4 | 1.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 7.4 |
| NNW | .2 | .9 | 1.7 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 9.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .0 |
| ALL | 4.2 | 20.5 | 46.4 | 25.7 | 1.9 | .4 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.9 |

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

W13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | .2 | 2.1 | 4.2 | 1.7 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | 8.2 | 8.7 |
| NNE | .3 | 2.1 | 4.2 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 8.5 |
| NE | .6 | 1.1 | 5.2 | 2.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.2 | 8.7 |
| ENE | .2 | .6 | 2.8 | 2.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 6.1 | 10.3 |
| E | .2 | 1.1 | 4.7 | 4.4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 10.0 |
| ESE | .2 | .9 | 4.5 | 3.2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 9.0 | 9.9 |
| SE | .2 | 1.2 | 6.0 | 2.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | 9.1 |
| SSE | .2 | 1.4 | 4.2 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 9.0 |
| S | .1 | 1.0 | 5.2 | 3.0 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | 9.5 | 9.9 |
| SSW | .1 | 1.0 | 1.9 | 1.6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 4.8 | 9.4 |
| SW | .0 | .9 | 1.8 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 8.6 |
| WSW | .0 | .9 | .8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 8.3 |
| W | .2 | .3 | 1.4 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 8.4 |
| WNW | .1 | .4 | 1.0 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 9.3 |
| NW | .2 | .7 | 1.1 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 8.1 |
| NNW | .2 | 1.4 | 1.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 7.8 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .0 |
| ALL | 2.9 | 17.0 | 50.6 | 26.8 | 1.5 | .2 | .2 | .0 | .0 | .0 | .0 | 100.0 | 9.1 |

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | |
|----------------|-----|---|---|------|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----------------------|
| | | | | | | | | | | | | | | | | % | MEAN WIND SPEED |
| N | .6 | | | 3.3 | | | 2.9 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 6.9 |
| NNE | .6 | | | 2.7 | | | 3.7 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 7.3 |
| NE | .6 | | | 4.0 | | | 3.7 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.7 | 7.2 |
| ENE | .5 | | | 3.3 | | | 4.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | 6.8 |
| E | 1.6 | | | 4.8 | | | 4.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.5 | 6.3 |
| ESE | .6 | | | 3.6 | | | 2.8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 6.3 |
| SE | .6 | | | 4.7 | | | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 5.6 |
| SSE | 1.3 | | | 5.6 | | | 2.0 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 5.7 |
| S | 1.3 | | | 6.7 | | | 4.6 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 13.3 | 6.3 |
| SSW | .6 | | | 2.8 | | | 2.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 6.1 |
| SW | .2 | | | 1.1 | | | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 6.0 |
| WSW | .2 | | | .6 | | | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 6.8 |
| W | .3 | | | .3 | | | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.8 |
| WNW | .0 | | | .2 | | | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | 7.9 |
| NW | .0 | | | .4 | | | .4 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 9.5 |
| NNW | .5 | | | 1.5 | | | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 5.5 |
| VAR | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | | | .0 | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | .0 |
| ALL | 9.4 | | | 45.7 | | | 34.9 | 5.2 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.2 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

513880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | 1.7 | 3.6 | 2.8 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | 5.8 |
| NNE | 1.6 | 7.0 | 6.1 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.3 | 6.9 |
| NE | 1.4 | 6.7 | 4.2 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.1 | 6.4 |
| ENE | .6 | 2.1 | 1.5 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 6.4 |
| E | 1.0 | 2.7 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 5.2 |
| ESE | .5 | 1.9 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.4 |
| SE | 1.0 | 2.3 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 4.8 |
| SSE | 1.3 | 2.1 | .5 | .2 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | 5.6 |
| S | 2.8 | 5.7 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 4.8 |
| SSW | 1.3 | 4.1 | 1.0 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 5.3 |
| SW | .8 | 1.2 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.9 |
| WSW | .5 | .6 | .9 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.8 |
| W | .7 | .6 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 5.3 |
| WNW | .4 | .6 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 6.1 |
| NW | .0 | 1.0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 6.2 |
| NNW | .6 | 1.6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.1 | .0 |
| ALL | 16.3 | 43.7 | 23.0 | 4.0 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.2 |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|--|--|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | 1.7 | 4.5 | 3.9 | 1.3 | .1 | .0 | .0* | .0 | .0 | .0 | .0 | 11.5 | 6.8 | | | | |
| NNE | 1.3 | 4.9 | 6.6 | 2.7 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 15.7 | 7.8 | | | | |
| NE | .8 | 3.5 | 5.1 | 2.0 | .1 | .0 | .0* | .0 | .0 | .0 | .0 | 11.5 | 7.8 | | | | |
| ENE | .6 | 1.6 | 2.3 | .9 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | 5.4 | 7.8 | | | | |
| E | .6 | 1.7 | 2.3 | 1.1 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.7 | 7.9 | | | | |
| ESE | .4 | 1.2 | 1.5 | .9 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.9 | | | | |
| SE | .4 | 1.4 | 1.6 | .6 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.3 | | | | |
| SSE | .6 | 1.6 | 1.4 | .4 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 4.1 | 7.0 | | | | |
| S | 1.0 | 2.6 | 2.2 | .8 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | 6.7 | 6.8 | | | | |
| SSW | .6 | 1.9 | 1.3 | .5 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 4.5 | 6.7 | | | | |
| SW | .5 | 1.5 | 1.5 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 6.9 | | | | |
| WSW | .3 | 1.3 | 1.5 | .3 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 3.4 | 6.9 | | | | |
| W | .4 | 1.1 | 1.2 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 6.9 | | | | |
| WNW | .4 | 1.0 | .7 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 2.4 | 7.0 | | | | |
| NW | .3 | 1.2 | .7 | .2 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | 2.4 | 6.5 | | | | |
| NNW | .8 | 2.0 | 1.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 6.3 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| ALL | 10.9 | 33.1 | 34.6 | 12.9 | 1.0 | .2 | .0* | .0 | .0 | .0 | .0 | 100.0 | 6.7 | | | | |

TOTAL NO. OF OBS : 10076

NOTES :
 * = PERCENT < .05

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : SEP
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 30.6 | 57.5 | 61.9 | 65.1 | 66.0 | 66.3 | 67.1 | 67.2 | 67.2 | 67.7 |
| >=20000 | 32.4 | 60.9 | 65.7 | 69.0 | 70.1 | 70.3 | 71.2 | 71.3 | 71.3 | 71.7 |
| >=18000 | 32.4 | 60.9 | 65.7 | 69.0 | 70.1 | 70.3 | 71.2 | 71.3 | 71.3 | 71.7 |
| >=16000 | 32.5 | 61.0 | 66.0 | 69.3 | 70.4 | 70.6 | 71.5 | 71.6 | 71.6 | 72.1 |
| >=14000 | 33.5 | 62.5 | 67.8 | 71.3 | 72.5 | 72.8 | 73.7 | 73.7 | 73.7 | 74.3 |
| >=12000 | 34.6 | 64.7 | 70.1 | 73.7 | 74.9 | 75.2 | 76.0 | 76.1 | 76.1 | 76.7 |
| >=10000 | 35.6 | 66.7 | 72.4 | 76.0 | 77.4 | 77.6 | 78.5 | 78.6 | 78.6 | 79.1 |
| >= 9000 | 36.3 | 67.9 | 73.8 | 77.5 | 78.8 | 79.0 | 79.9 | 80.0 | 80.0 | 80.6 |
| >= 8000 | 37.1 | 69.4 | 75.4 | 79.1 | 80.6 | 80.9 | 81.8 | 81.9 | 82.0 | 82.5 |
| >= 7000 | 37.4 | 70.2 | 76.2 | 80.0 | 81.5 | 81.7 | 82.7 | 82.8 | 82.8 | 83.3 |
| >= 6000 | 37.9 | 71.2 | 77.3 | 81.1 | 82.7 | 82.9 | 83.6 | 84.0 | 84.0 | 84.5 |
| >= 5000 | 38.2 | 72.2 | 78.3 | 82.2 | 83.8 | 84.0 | 85.0 | 85.1 | 85.1 | 85.6 |
| >= 4500 | 38.4 | 72.5 | 78.7 | 82.5 | 84.1 | 84.4 | 85.3 | 85.4 | 85.4 | 86.0 |
| >= 4000 | 38.6 | 72.9 | 79.2 | 83.3 | 84.8 | 85.1 | 86.0 | 86.1 | 86.1 | 86.7 |
| >= 3500 | 38.8 | 73.6 | 79.8 | 83.9 | 85.5 | 85.7 | 86.7 | 86.7 | 86.7 | 87.3 |
| >= 3000 | 39.0 | 74.4 | 80.7 | 84.9 | 86.5 | 86.7 | 87.7 | 87.8 | 87.8 | 88.3 |
| >= 2500 | 39.5 | 75.6 | 81.9 | 86.1 | 87.7 | 87.9 | 89.0 | 89.0 | 89.0 | 89.6 |
| >= 2000 | 40.0 | 76.6 | 82.9 | 87.3 | 89.0 | 89.2 | 90.3 | 90.4 | 90.4 | 91.0 |
| >= 1800 | 40.3 | 76.9 | 83.3 | 87.7 | 89.4 | 89.6 | 90.7 | 90.8 | 90.8 | 91.3 |
| >= 1500 | 40.6 | 77.7 | 84.1 | 88.7 | 90.6 | 90.8 | 91.9 | 92.0 | 92.0 | 92.5 |
| >= 1200 | 40.6 | 78.3 | 85.3 | 90.0 | 91.8 | 92.1 | 93.3 | 93.4 | 93.4 | 94.0 |
| >= 1000 | 40.8 | 79.0 | 86.0 | 90.7 | 92.5 | 92.9 | 94.0 | 94.1 | 94.1 | 94.7 |
| >= 900 | 41.0 | 79.8 | 87.0 | 91.7 | 93.6 | 93.9 | 95.0 | 95.2 | 95.2 | 95.7 |
| >= 800 | 41.1 | 80.2 | 87.5 | 92.5 | 94.4 | 94.7 | 95.8 | 96.0 | 96.0 | 96.5 |
| >= 700 | 41.1 | 80.5 | 87.8 | 92.8 | 94.7 | 95.0 | 96.1 | 96.2 | 96.2 | 96.8 |
| >= 600 | 41.1 | 80.6 | 87.9 | 92.9 | 94.8 | 95.2 | 96.3 | 96.5 | 96.5 | 97.1 |
| >= 500 | 41.2 | 80.9 | 88.3 | 93.5 | 95.5 | 95.8 | 97.1 | 97.3 | 97.3 | 97.9 |
| >= 400 | 41.3 | 81.0 | 88.4 | 93.8 | 95.8 | 96.1 | 97.4 | 97.6 | 97.6 | 98.3 |
| >= 300 | 41.4 | 81.1 | 88.7 | 94.2 | 96.3 | 96.7 | 98.2 | 98.4 | 98.4 | 99.0 |
| >= 200 | 41.4 | 81.1 | 88.7 | 94.2 | 96.4 | 96.8 | 98.3 | 98.5 | 98.5 | 99.2 |
| >= 100 | 41.4 | 81.1 | 88.7 | 94.2 | 96.4 | 96.8 | 98.3 | 98.5 | 98.5 | 99.2 |
| >= 0 | 41.4 | 81.1 | 88.7 | 94.2 | 96.4 | 96.8 | 98.3 | 98.5 | 98.5 | 99.2 |

TOTAL NC. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 22.4 | 47.1 | 51.8 | 56.9 | 59.2 | 59.4 | 60.6 | 60.9 | 61.0 | 61.7 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| >=20000 | 23.2 | 49.0 | 54.4 | 59.8 | 62.2 | 62.5 | 63.7 | 64.0 | 64.0 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| >=16000 | 23.2 | 49.0 | 54.4 | 59.8 | 62.2 | 62.5 | 63.7 | 64.0 | 64.0 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| >=14000 | 23.3 | 49.2 | 54.6 | 60.1 | 62.5 | 62.7 | 63.9 | 64.2 | 64.3 | 65.1 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| >=12000 | 24.0 | 50.5 | 56.0 | 61.7 | 64.1 | 64.4 | 65.6 | 66.0 | 66.0 | 66.9 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| >=10000 | 24.7 | 51.9 | 57.5 | 63.2 | 65.6 | 65.9 | 67.1 | 67.5 | 67.5 | 68.4 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| >=8000 | 25.6 | 54.0 | 59.8 | 65.6 | 68.2 | 68.4 | 69.6 | 70.0 | 70.1 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| >=6000 | 26.3 | 55.0 | 61.0 | 66.9 | 69.4 | 69.7 | 71.0 | 71.3 | 71.4 | 72.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| >=4000 | 26.8 | 56.3 | 62.5 | 68.6 | 71.1 | 71.3 | 72.6 | 73.0 | 73.1 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| >=2000 | 27.4 | 57.5 | 63.7 | 69.8 | 72.3 | 72.5 | 73.8 | 74.2 | 74.3 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| >=1000 | 27.7 | 57.9 | 64.4 | 70.6 | 73.1 | 73.3 | 74.6 | 75.0 | 75.1 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| >=500 | 28.3 | 59.1 | 65.6 | 71.8 | 74.4 | 74.7 | 76.0 | 76.3 | 76.4 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| >=250 | 28.7 | 59.7 | 66.1 | 72.4 | 75.0 | 75.2 | 76.5 | 76.9 | 77.0 | 77.9 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| >=100 | 29.0 | 60.5 | 66.9 | 73.2 | 75.8 | 76.0 | 77.3 | 77.7 | 77.8 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| >=50 | 29.3 | 61.2 | 67.7 | 74.0 | 76.7 | 76.9 | 78.2 | 78.6 | 78.7 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| >=25 | 29.5 | 62.3 | 68.9 | 75.5 | 78.1 | 78.3 | 79.6 | 80.0 | 80.1 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| >=10 | 29.9 | 63.3 | 70.2 | 76.8 | 79.4 | 79.7 | 81.0 | 81.4 | 81.5 | 82.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| >=5 | 30.2 | 64.3 | 71.2 | 78.0 | 80.6 | 80.9 | 82.4 | 82.8 | 82.9 | 83.7 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| >=2 | 30.2 | 64.9 | 71.8 | 78.8 | 81.4 | 81.7 | 83.2 | 83.6 | 83.7 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| >=1 | 30.9 | 66.0 | 73.2 | 80.2 | 82.9 | 83.3 | 84.8 | 85.2 | 85.3 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| >=0.5 | 31.0 | 66.5 | 73.8 | 80.8 | 83.6 | 83.9 | 85.6 | 86.0 | 86.1 | 87.1 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| >=0.25 | 31.2 | 67.4 | 74.8 | 81.9 | 84.7 | 85.0 | 86.7 | 87.1 | 87.2 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| >=0.1 | 31.4 | 67.9 | 75.6 | 82.6 | 85.4 | 85.7 | 87.5 | 87.9 | 87.9 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| >=0.05 | 31.4 | 68.1 | 75.9 | 82.9 | 85.7 | 86.0 | 87.9 | 88.3 | 88.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >=0.025 | 31.6 | 68.5 | 76.3 | 83.6 | 86.7 | 87.0 | 88.8 | 89.2 | 89.3 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=0.01 | 31.7 | 69.4 | 77.6 | 85.0 | 88.2 | 88.5 | 90.4 | 90.8 | 90.9 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| >=0.005 | 31.7 | 69.6 | 77.9 | 85.3 | 88.7 | 89.0 | 91.1 | 91.5 | 91.6 | 92.7 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| >=0.0025 | 31.7 | 69.8 | 78.3 | 85.8 | 89.2 | 89.6 | 91.7 | 92.1 | 92.2 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| >=0.001 | 31.7 | 70.1 | 78.7 | 86.4 | 90.0 | 90.5 | 92.6 | 93.3 | 93.3 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=0.0005 | 31.7 | 70.1 | 78.8 | 86.5 | 90.4 | 90.9 | 93.4 | 93.9 | 94.0 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| >=0.00025 | 31.7 | 70.1 | 78.8 | 86.6 | 90.5 | 91.0 | 93.5 | 94.0 | 94.0 | 95.5 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| >=0.0001 | 31.7 | 70.1 | 78.8 | 86.6 | 90.5 | 91.0 | 93.5 | 94.0 | 94.1 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : SEP
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|--|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | |
| UNLIMIT | 17.7 | 38.7 | 42.6 | 46.0 | 49.0 | 50.6 | 52.9 | 53.7 | 53.7 | 54.2 | 54.5 | 55.1 | 55.2 | 55.9 | 56.2 | |
| >=20000 | 19.7 | 42.5 | 46.9 | 50.4 | 53.5 | 55.1 | 57.5 | 58.3 | 58.3 | 58.9 | 59.2 | 59.8 | 59.9 | 60.6 | 61.0 | |
| >=18000 | 19.8 | 42.8 | 47.2 | 50.8 | 53.9 | 55.5 | 58.0 | 58.7 | 58.7 | 59.4 | 59.7 | 60.2 | 60.4 | 61.1 | 61.5 | |
| >=16000 | 19.9 | 42.9 | 47.4 | 51.0 | 54.0 | 55.6 | 58.3 | 59.0 | 59.0 | 59.6 | 59.9 | 60.6 | 60.7 | 61.4 | 61.8 | |
| >=14000 | 21.3 | 45.1 | 45.8 | 53.6 | 56.7 | 58.4 | 61.2 | 61.9 | 61.9 | 62.6 | 62.9 | 62.9 | 63.6 | 64.6 | 65.0 | |
| >=12000 | 22.2 | 46.4 | 51.6 | 55.6 | 59.0 | 60.8 | 63.9 | 64.6 | 64.6 | 65.3 | 65.7 | 65.7 | 66.3 | 67.4 | 67.9 | |
| >=10000 | 23.2 | 48.2 | 53.6 | 57.8 | 61.3 | 63.2 | 66.3 | 67.0 | 67.0 | 67.7 | 68.1 | 68.1 | 68.9 | 69.8 | 70.2 | |
| >=9000 | 23.5 | 48.8 | 54.4 | 58.7 | 62.3 | 64.1 | 67.3 | 68.0 | 68.0 | 68.7 | 69.1 | 69.8 | 69.9 | 70.8 | 71.3 | |
| >=8000 | 24.1 | 50.0 | 55.6 | 59.9 | 63.6 | 65.4 | 68.6 | 69.3 | 69.3 | 70.0 | 70.4 | 71.0 | 71.2 | 72.1 | 72.5 | |
| >=7000 | 24.5 | 51.0 | 56.7 | 61.2 | 65.0 | 66.8 | 70.2 | 70.9 | 70.9 | 71.6 | 72.0 | 72.6 | 72.8 | 73.7 | 74.1 | |
| >=6000 | 25.4 | 52.5 | 58.3 | 62.9 | 66.9 | 68.8 | 72.1 | 72.9 | 72.9 | 73.6 | 74.0 | 74.6 | 74.8 | 75.6 | 76.1 | |
| >=5000 | 25.6 | 52.7 | 58.7 | 63.4 | 67.6 | 69.5 | 72.9 | 73.7 | 73.7 | 74.4 | 74.8 | 75.5 | 75.6 | 76.6 | 77.1 | |
| >=4500 | 25.9 | 53.1 | 59.2 | 63.9 | 68.1 | 70.0 | 73.4 | 74.2 | 74.2 | 74.9 | 75.3 | 76.0 | 76.1 | 77.1 | 77.5 | |
| >=4000 | 26.2 | 53.9 | 60.1 | 64.8 | 69.0 | 71.0 | 74.5 | 75.3 | 75.3 | 76.0 | 76.4 | 77.1 | 77.3 | 78.3 | 78.7 | |
| >=3500 | 26.4 | 54.4 | 60.6 | 65.4 | 69.6 | 71.6 | 75.1 | 75.9 | 75.9 | 76.6 | 77.0 | 77.6 | 77.9 | 78.8 | 79.3 | |
| >=3000 | 26.9 | 55.4 | 61.8 | 66.7 | 71.0 | 72.9 | 76.4 | 77.2 | 77.2 | 77.9 | 78.3 | 79.0 | 79.2 | 80.2 | 80.7 | |
| >=2500 | 27.3 | 56.2 | 62.7 | 67.5 | 71.9 | 74.0 | 77.6 | 78.4 | 78.4 | 79.1 | 79.5 | 79.5 | 80.2 | 81.3 | 81.9 | |
| >=2000 | 27.6 | 56.9 | 63.4 | 68.3 | 72.6 | 74.7 | 78.5 | 79.4 | 79.4 | 80.2 | 80.6 | 81.2 | 81.4 | 82.4 | 82.9 | |
| >=1800 | 27.9 | 57.3 | 63.8 | 68.7 | 73.2 | 75.3 | 79.2 | 80.1 | 80.1 | 80.9 | 81.3 | 81.9 | 82.1 | 83.1 | 83.7 | |
| >=1500 | 28.5 | 58.3 | 64.9 | 69.8 | 74.4 | 76.5 | 80.5 | 81.3 | 81.3 | 82.3 | 82.7 | 83.3 | 83.6 | 84.5 | 85.1 | |
| >=1200 | 29.0 | 59.1 | 66.0 | 71.0 | 75.5 | 77.7 | 81.7 | 82.6 | 82.6 | 83.6 | 84.0 | 84.7 | 84.9 | 85.9 | 86.4 | |
| >=1000 | 29.3 | 60.1 | 66.9 | 72.0 | 76.6 | 78.8 | 82.9 | 83.7 | 83.7 | 84.7 | 85.1 | 85.9 | 86.1 | 87.1 | 87.6 | |
| >=900 | 29.3 | 60.4 | 67.3 | 72.5 | 77.2 | 79.4 | 83.6 | 84.4 | 84.4 | 85.4 | 85.8 | 86.6 | 86.8 | 87.8 | 88.3 | |
| >=800 | 29.5 | 60.9 | 67.9 | 73.3 | 78.1 | 80.3 | 84.5 | 85.5 | 85.5 | 86.4 | 86.8 | 87.6 | 87.9 | 88.8 | 89.4 | |
| >=700 | 29.7 | 61.4 | 68.6 | 74.0 | 78.9 | 81.1 | 85.3 | 86.4 | 86.4 | 87.5 | 87.9 | 88.7 | 88.9 | 89.8 | 90.4 | |
| >=600 | 29.8 | 62.1 | 69.4 | 74.9 | 79.9 | 82.2 | 86.4 | 87.5 | 87.5 | 88.6 | 89.0 | 89.8 | 90.1 | 91.0 | 91.7 | |
| >=500 | 29.9 | 62.9 | 70.2 | 75.9 | 81.0 | 83.3 | 87.6 | 88.9 | 88.9 | 90.0 | 90.4 | 91.3 | 91.5 | 92.5 | 93.1 | |
| >=400 | 30.0 | 63.7 | 71.3 | 77.1 | 82.5 | 85.1 | 89.9 | 91.4 | 91.4 | 92.6 | 93.0 | 93.9 | 94.1 | 95.1 | 95.7 | |
| >=300 | 30.1 | 64.0 | 71.7 | 77.5 | 83.0 | 85.8 | 91.0 | 92.6 | 92.6 | 94.1 | 94.5 | 95.5 | 95.8 | 96.7 | 97.4 | |
| >=200 | 30.1 | 64.0 | 71.8 | 77.8 | 83.4 | 86.2 | 91.4 | 93.4 | 93.4 | 95.2 | 95.7 | 96.9 | 97.5 | 98.5 | 99.3 | |
| >=100 | 30.1 | 64.1 | 71.9 | 77.9 | 83.5 | 86.3 | 91.5 | 93.5 | 93.5 | 95.3 | 95.9 | 97.1 | 97.7 | 98.9 | 99.7 | |
| >= J | 30.1 | 64.1 | 71.9 | 77.9 | 83.5 | 86.3 | 91.5 | 93.5 | 93.5 | 95.3 | 95.9 | 97.1 | 97.7 | 98.9 | 100.0 | |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 32.1 | 47.1 | 45.0 | 49.6 | 50.4 | 50.6 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.1 |
| >=20000 | 35.4 | 51.3 | 53.5 | 54.1 | 55.0 | 55.3 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 |
| >=18000 | 35.4 | 51.5 | 53.7 | 54.3 | 55.2 | 55.5 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 |
| >=16000 | 35.7 | 51.9 | 54.0 | 54.7 | 55.6 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 |
| >=14000 | 36.7 | 53.4 | 55.6 | 56.2 | 57.3 | 57.7 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 |
| >=12000 | 38.4 | 55.7 | 57.9 | 58.5 | 59.7 | 60.2 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| >=10000 | 39.2 | 57.5 | 59.8 | 60.6 | 61.8 | 62.3 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 |
| >= 9000 | 39.7 | 58.3 | 60.6 | 61.4 | 62.6 | 63.1 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| >= 8000 | 40.2 | 59.5 | 61.9 | 62.7 | 64.0 | 64.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 |
| >= 7000 | 41.0 | 60.6 | 63.1 | 63.9 | 65.4 | 65.9 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 |
| >= 6000 | 41.7 | 61.7 | 64.3 | 65.1 | 66.7 | 67.1 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 |
| >= 5000 | 42.2 | 62.7 | 65.2 | 66.2 | 67.8 | 68.3 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 |
| >= 4500 | 42.5 | 63.0 | 65.6 | 66.5 | 68.1 | 68.6 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 |
| >= 4000 | 42.8 | 63.5 | 66.1 | 67.1 | 68.7 | 69.2 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 |
| >= 3500 | 43.2 | 64.1 | 66.7 | 67.9 | 69.4 | 70.0 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 |
| >= 3000 | 44.5 | 66.1 | 68.9 | 70.0 | 71.6 | 72.1 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| >= 2500 | 46.7 | 69.2 | 72.3 | 73.5 | 75.2 | 75.8 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 |
| >= 2000 | 50.3 | 74.1 | 77.3 | 78.7 | 80.6 | 81.3 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 |
| >= 1800 | 51.3 | 75.5 | 78.7 | 80.3 | 82.2 | 83.0 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >= 1500 | 53.3 | 78.8 | 82.1 | 83.9 | 85.8 | 86.7 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 |
| >= 1200 | 54.4 | 80.6 | 84.0 | 86.0 | 87.9 | 88.7 | 89.5 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 |
| >= 1000 | 55.2 | 82.5 | 86.3 | 88.3 | 90.3 | 91.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 |
| >= 900 | 55.2 | 83.9 | 87.9 | 89.9 | 92.1 | 92.9 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 |
| >= 800 | 55.6 | 84.6 | 88.7 | 90.9 | 93.1 | 94.0 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 |
| >= 700 | 55.8 | 85.2 | 89.5 | 91.7 | 94.0 | 94.8 | 95.5 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 |
| >= 600 | 55.9 | 85.4 | 89.9 | 92.3 | 94.6 | 95.5 | 96.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 |
| >= 500 | 55.9 | 86.0 | 90.6 | 93.2 | 95.6 | 96.5 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.0 | 99.0 |
| >= 400 | 55.9 | 86.1 | 91.0 | 93.7 | 96.1 | 97.1 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.9 | 99.9 |
| >= 300 | 55.9 | 86.1 | 91.0 | 93.7 | 96.1 | 97.2 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |
| >= 200 | 55.9 | 86.1 | 91.0 | 93.7 | 96.1 | 97.2 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |
| >= 100 | 55.9 | 86.1 | 91.0 | 93.7 | 96.1 | 97.2 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |
| >= 0 | 55.9 | 86.1 | 91.0 | 93.7 | 96.1 | 97.2 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 28.5 | 40.3 | 41.9 | 42.3 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| >=20000 | 33.3 | 46.5 | 48.5 | 49.0 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| >=18000 | 33.6 | 46.9 | 48.9 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| >=16000 | 33.9 | 47.3 | 49.2 | 49.8 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| >=14000 | 35.2 | 48.7 | 50.7 | 51.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| >=12000 | 36.5 | 50.8 | 52.8 | 53.4 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| >=10000 | 37.7 | 52.7 | 54.7 | 55.3 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 |
| >= 9000 | 38.1 | 53.4 | 55.4 | 56.0 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 |
| >= 8000 | 38.8 | 54.3 | 56.5 | 57.0 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| >= 7000 | 39.2 | 55.0 | 57.2 | 57.7 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| >= 6000 | 39.6 | 55.8 | 57.9 | 58.5 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| >= 5000 | 39.9 | 56.6 | 58.7 | 59.3 | 60.0 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 |
| >= 4500 | 40.7 | 57.5 | 59.7 | 60.3 | 61.0 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 |
| >= 4000 | 43.0 | 60.4 | 62.6 | 63.3 | 64.0 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 |
| >= 3500 | 45.9 | 64.1 | 66.4 | 67.3 | 68.0 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 |
| >= 3000 | 51.5 | 71.5 | 74.0 | 75.1 | 75.9 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 |
| >= 2500 | 56.4 | 78.7 | 81.7 | 83.2 | 84.2 | 84.4 | 84.7 | 84.8 | 84.8 | 84.8 |
| >= 2000 | 59.3 | 83.2 | 86.5 | 88.2 | 89.2 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 |
| >= 1800 | 59.4 | 83.8 | 87.1 | 89.0 | 90.0 | 90.3 | 90.7 | 90.9 | 90.9 | 90.9 |
| >= 1500 | 60.5 | 85.9 | 89.7 | 91.7 | 92.9 | 93.2 | 93.6 | 93.7 | 93.7 | 93.7 |
| >= 1200 | 61.1 | 87.5 | 91.3 | 93.3 | 94.6 | 94.9 | 95.5 | 95.6 | 95.6 | 95.6 |
| >= 1000 | 61.6 | 88.5 | 92.5 | 94.5 | 95.8 | 96.1 | 96.7 | 96.9 | 96.9 | 96.9 |
| >= 900 | 61.6 | 88.7 | 92.9 | 95.0 | 96.3 | 96.7 | 97.3 | 97.5 | 97.5 | 97.5 |
| >= 800 | 61.6 | 88.7 | 93.2 | 95.4 | 96.7 | 97.1 | 97.8 | 97.9 | 97.9 | 97.9 |
| >= 700 | 61.6 | 89.0 | 93.6 | 95.7 | 97.2 | 97.5 | 98.3 | 98.5 | 98.6 | 98.6 |
| >= 600 | 61.6 | 89.2 | 93.9 | 96.0 | 97.6 | 97.9 | 98.7 | 99.0 | 99.0 | 99.0 |
| >= 500 | 61.6 | 89.2 | 93.9 | 96.3 | 97.9 | 98.3 | 99.0 | 99.4 | 99.5 | 99.5 |
| >= 400 | 61.6 | 89.2 | 93.9 | 96.3 | 98.1 | 98.5 | 99.4 | 99.7 | 99.8 | 99.8 |
| >= 300 | 61.6 | 89.2 | 93.9 | 96.3 | 98.1 | 98.5 | 99.4 | 99.7 | 100.0 | 100.0 |
| >= 200 | 61.6 | 89.2 | 93.9 | 96.3 | 98.1 | 98.5 | 99.4 | 99.7 | 100.0 | 100.0 |
| >= 100 | 61.6 | 89.2 | 93.9 | 96.3 | 98.1 | 98.5 | 99.4 | 99.7 | 100.0 | 100.0 |
| >= 0 | 61.6 | 89.2 | 93.9 | 96.3 | 98.1 | 98.5 | 99.4 | 99.7 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|---------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 35.6 | 49.0 | 50.8 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| >=20000 | 41.3 | 57.2 | 59.2 | 60.5 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| >=18000 | 41.3 | 57.4 | 59.5 | 60.7 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| >=16000 | 41.4 | 57.6 | 59.6 | 60.9 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| >=14000 | 42.8 | 59.4 | 61.4 | 62.8 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| >=12000 | 44.8 | 62.4 | 64.5 | 65.9 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| >=10000 | 46.6 | 65.2 | 67.7 | 69.2 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| >=9000 | 46.8 | 65.8 | 68.6 | 70.1 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| >=8000 | 48.2 | 67.9 | 70.8 | 72.5 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| >=7000 | 48.6 | 68.8 | 71.8 | 73.4 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| >=6000 | 49.3 | 69.7 | 72.7 | 74.7 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| >=5000 | 50.2 | 70.9 | 74.2 | 76.2 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| >=4500 | 50.8 | 71.9 | 75.4 | 77.3 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| >=4000 | 51.7 | 73.2 | 76.7 | 78.8 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| >=3500 | 53.3 | 75.7 | 79.3 | 81.5 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| >=3000 | 55.3 | 78.8 | 82.4 | 84.8 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 |
| >=2500 | 56.6 | 81.8 | 85.7 | 88.3 | 89.3 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 |
| >=2000 | 58.1 | 83.6 | 87.8 | 90.5 | 91.6 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 |
| >=1800 | 58.7 | 84.3 | 88.6 | 91.4 | 92.7 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 |
| >=1500 | 59.4 | 85.9 | 90.3 | 93.1 | 94.4 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 |
| >=1200 | 59.7 | 87.0 | 91.4 | 94.2 | 95.5 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 |
| >=1000 | 59.7 | 87.4 | 92.1 | 94.8 | 96.3 | 97.1 | 97.1 | 97.3 | 97.4 | 97.5 |
| >=900 | 59.8 | 87.8 | 92.5 | 95.3 | 96.8 | 97.6 | 97.8 | 97.9 | 98.0 | 98.1 |
| >=800 | 59.9 | 88.2 | 92.9 | 95.7 | 97.3 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 |
| >=700 | 59.9 | 88.4 | 93.1 | 96.0 | 97.9 | 98.5 | 98.6 | 98.8 | 98.9 | 99.0 |
| >=600 | 59.9 | 88.4 | 93.1 | 96.1 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=500 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=400 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=300 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=200 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=100 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| >=0 | 59.9 | 88.4 | 93.2 | 96.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U1388D : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 39.4 | 56.7 | 58.7 | 60.0 | 60.6 | 60.7 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| >=20000 | 44.3 | 64.3 | 66.9 | 68.5 | 69.0 | 69.2 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| >=18000 | 44.6 | 64.6 | 67.3 | 68.9 | 69.4 | 69.6 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| >=16000 | 44.8 | 64.8 | 67.6 | 69.2 | 69.8 | 69.9 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| >=14000 | 46.0 | 66.7 | 69.5 | 71.1 | 71.7 | 71.8 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| >=12000 | 47.8 | 69.1 | 72.1 | 73.7 | 74.3 | 74.4 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| >=10000 | 49.3 | 72.5 | 75.8 | 77.6 | 78.3 | 78.5 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| >=9000 | 49.8 | 73.6 | 77.2 | 79.0 | 79.7 | 79.9 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| >=8000 | 50.2 | 74.5 | 78.2 | 80.2 | 80.8 | 81.0 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| >=7000 | 50.7 | 75.6 | 79.4 | 81.5 | 82.2 | 82.5 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| >=6000 | 51.1 | 76.2 | 80.1 | 82.1 | 82.9 | 83.2 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >=5000 | 52.0 | 77.2 | 81.3 | 83.3 | 84.2 | 84.4 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| >=4500 | 52.3 | 78.0 | 82.1 | 84.2 | 85.1 | 85.3 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| >=4000 | 52.9 | 78.6 | 82.7 | 84.9 | 85.8 | 86.0 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| >=3500 | 53.3 | 79.4 | 83.7 | 86.0 | 86.8 | 87.1 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| >=3000 | 54.1 | 80.9 | 85.2 | 87.5 | 88.5 | 88.8 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >=2500 | 54.7 | 82.1 | 86.7 | 89.0 | 89.9 | 90.2 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| >=2000 | 55.3 | 83.6 | 88.6 | 91.0 | 92.0 | 92.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| >=1800 | 55.6 | 84.0 | 89.1 | 91.6 | 92.6 | 93.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| >=1500 | 55.9 | 84.7 | 89.9 | 92.4 | 93.4 | 93.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| >=1200 | 56.1 | 85.3 | 90.6 | 93.0 | 94.2 | 94.6 | 95.7 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| >=1000 | 56.3 | 86.0 | 91.3 | 94.0 | 95.2 | 95.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| >=900 | 56.3 | 86.3 | 91.6 | 94.4 | 95.7 | 96.1 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=800 | 56.4 | 86.5 | 92.0 | 94.8 | 96.2 | 96.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >=700 | 56.4 | 86.7 | 92.1 | 94.9 | 96.4 | 96.8 | 98.0 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| >=600 | 56.4 | 86.7 | 92.4 | 95.2 | 96.7 | 97.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=500 | 56.4 | 86.7 | 92.4 | 95.2 | 97.0 | 97.5 | 98.6 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| >=400 | 56.4 | 86.7 | 92.4 | 95.2 | 97.1 | 97.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| >=300 | 56.4 | 86.8 | 92.5 | 95.3 | 97.1 | 97.7 | 99.3 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| >=200 | 56.4 | 86.8 | 92.5 | 95.3 | 97.1 | 97.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=100 | 56.4 | 86.8 | 92.5 | 95.3 | 97.1 | 97.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| >=0 | 56.4 | 86.8 | 92.5 | 95.3 | 97.1 | 97.7 | 99.3 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 36.8 | 62.9 | 65.5 | 67.5 | 68.7 | 68.8 | 69.1 | 69.1 | 69.1 | 69.2 |
| >=20000 | 39.2 | 66.7 | 69.5 | 71.7 | 72.9 | 73.0 | 73.3 | 73.3 | 73.3 | 73.4 |
| >=18000 | 39.4 | 67.1 | 69.9 | 72.1 | 73.3 | 73.4 | 73.7 | 73.7 | 73.8 | 73.8 |
| >=16000 | 39.5 | 67.2 | 70.1 | 72.3 | 73.4 | 73.6 | 73.9 | 73.9 | 74.0 | 74.0 |
| >=14000 | 40.9 | 68.8 | 71.7 | 74.0 | 75.1 | 75.2 | 75.6 | 75.6 | 75.6 | 75.6 |
| >=12000 | 42.0 | 71.3 | 74.3 | 76.6 | 77.7 | 77.9 | 78.2 | 78.2 | 78.3 | 78.3 |
| >=10000 | 43.1 | 73.7 | 77.1 | 79.4 | 80.5 | 80.7 | 81.0 | 81.0 | 81.1 | 81.1 |
| >= 9000 | 43.4 | 74.2 | 77.6 | 79.9 | 81.0 | 81.3 | 81.6 | 81.6 | 81.7 | 81.7 |
| >= 8000 | 43.7 | 74.9 | 78.5 | 80.8 | 81.9 | 82.1 | 82.5 | 82.5 | 82.5 | 82.5 |
| >= 7000 | 44.2 | 76.0 | 79.6 | 81.9 | 83.1 | 83.3 | 83.7 | 83.7 | 83.7 | 83.7 |
| >= 6000 | 44.7 | 76.7 | 80.4 | 82.8 | 84.0 | 84.2 | 84.5 | 84.5 | 84.6 | 84.6 |
| >= 5000 | 45.2 | 78.2 | 82.0 | 84.4 | 85.6 | 85.8 | 86.1 | 86.1 | 86.2 | 86.2 |
| >= 4500 | 45.6 | 79.0 | 82.8 | 85.2 | 86.4 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 |
| >= 4000 | 45.7 | 79.3 | 83.1 | 85.7 | 86.9 | 87.1 | 87.5 | 87.5 | 87.6 | 87.6 |
| >= 3500 | 46.1 | 80.2 | 84.0 | 86.6 | 87.8 | 88.0 | 88.4 | 88.4 | 88.5 | 88.5 |
| >= 3000 | 46.5 | 81.3 | 85.2 | 87.8 | 89.0 | 89.3 | 89.7 | 89.8 | 89.8 | 89.8 |
| >= 2500 | 47.3 | 82.8 | 86.7 | 89.5 | 90.8 | 91.0 | 91.4 | 91.5 | 91.6 | 91.6 |
| >= 2000 | 47.9 | 83.7 | 87.9 | 90.8 | 92.1 | 92.5 | 92.9 | 92.9 | 93.0 | 93.0 |
| >= 1800 | 48.2 | 84.2 | 88.4 | 91.3 | 92.7 | 93.0 | 93.4 | 93.5 | 93.6 | 93.6 |
| >= 1500 | 48.3 | 84.7 | 88.9 | 91.8 | 93.3 | 93.6 | 94.1 | 94.2 | 94.3 | 94.3 |
| >= 1200 | 48.7 | 85.6 | 89.8 | 92.8 | 94.2 | 94.5 | 95.2 | 95.2 | 95.3 | 95.3 |
| >= 1000 | 48.7 | 86.2 | 90.6 | 93.7 | 95.2 | 95.6 | 96.3 | 96.3 | 96.4 | 96.4 |
| >= 900 | 48.7 | 86.4 | 91.0 | 94.1 | 95.6 | 96.0 | 96.7 | 96.8 | 96.9 | 97.0 |
| >= 800 | 48.7 | 86.7 | 91.3 | 94.5 | 96.0 | 96.4 | 97.3 | 97.4 | 97.5 | 97.5 |
| >= 700 | 48.8 | 87.0 | 91.6 | 94.8 | 96.3 | 96.7 | 97.5 | 97.6 | 97.7 | 97.8 |
| >= 600 | 48.9 | 87.2 | 91.8 | 95.2 | 96.7 | 97.1 | 98.0 | 98.1 | 98.2 | 98.3 |
| >= 500 | 49.0 | 87.6 | 92.3 | 95.7 | 97.3 | 97.8 | 98.7 | 98.8 | 98.9 | 99.0 |
| >= 400 | 49.0 | 87.8 | 92.5 | 96.0 | 97.6 | 98.1 | 99.0 | 99.2 | 99.3 | 99.4 |
| >= 300 | 49.0 | 87.8 | 92.5 | 96.0 | 97.7 | 98.2 | 99.2 | 99.4 | 99.5 | 99.6 |
| >= 200 | 49.0 | 87.8 | 92.6 | 96.1 | 98.0 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 |
| >= 100 | 49.0 | 87.8 | 92.6 | 96.1 | 98.0 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 |
| >= 0 | 49.0 | 87.8 | 92.6 | 96.1 | 98.0 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : SEP
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 30.4 | 49.9 | 52.8 | 54.9 | 56.1 | 56.5 | 57.2 | 57.3 | 57.3 | 57.6 |
| >=20000 | 33.6 | 54.8 | 58.1 | 60.4 | 61.7 | 62.0 | 62.7 | 62.9 | 62.9 | 63.1 |
| >=18000 | 33.7 | 55.0 | 58.3 | 60.7 | 61.9 | 62.3 | 63.0 | 63.1 | 63.2 | 63.4 |
| >=16000 | 33.9 | 55.2 | 58.6 | 60.9 | 62.2 | 62.5 | 63.3 | 63.4 | 63.4 | 63.7 |
| >=14000 | 35.1 | 56.9 | 60.3 | 62.7 | 64.1 | 64.4 | 65.2 | 65.4 | 65.4 | 65.6 |
| >=12000 | 36.4 | 59.0 | 62.6 | 65.1 | 66.5 | 66.9 | 67.6 | 67.8 | 67.8 | 68.1 |
| >=10000 | 37.5 | 61.3 | 65.1 | 67.7 | 69.1 | 69.6 | 70.4 | 70.6 | 70.6 | 70.9 |
| >=9000 | 38.0 | 62.1 | 66.1 | 68.7 | 70.2 | 70.6 | 71.4 | 71.6 | 71.6 | 71.9 |
| >=8000 | 38.6 | 63.4 | 67.4 | 70.1 | 71.6 | 72.1 | 72.9 | 73.1 | 73.1 | 73.4 |
| >=7000 | 39.1 | 64.3 | 68.5 | 71.2 | 72.8 | 73.2 | 74.1 | 74.3 | 74.3 | 74.6 |
| >=6000 | 39.7 | 65.2 | 69.4 | 72.2 | 73.9 | 74.3 | 75.2 | 75.4 | 75.4 | 75.7 |
| >=5000 | 40.2 | 66.2 | 70.5 | 73.4 | 75.1 | 75.5 | 76.4 | 76.6 | 76.6 | 76.9 |
| >=4500 | 40.6 | 66.8 | 71.2 | 74.0 | 75.7 | 76.2 | 77.1 | 77.3 | 77.3 | 77.6 |
| >=4000 | 41.2 | 67.8 | 72.2 | 75.1 | 76.8 | 77.3 | 78.1 | 78.5 | 78.5 | 78.7 |
| >=3500 | 42.0 | 69.1 | 73.5 | 76.6 | 78.3 | 78.7 | 79.7 | 79.9 | 79.9 | 80.2 |
| >=3000 | 43.4 | 71.3 | 75.9 | 79.0 | 80.8 | 81.3 | 82.3 | 82.5 | 82.5 | 82.8 |
| >=2500 | 44.8 | 73.7 | 78.5 | 81.7 | 83.6 | 84.1 | 85.1 | 85.4 | 85.4 | 85.7 |
| >=2000 | 46.1 | 75.7 | 80.7 | 84.1 | 86.0 | 86.5 | 87.6 | 87.9 | 87.9 | 88.2 |
| >=1800 | 46.4 | 76.4 | 81.4 | 84.9 | 86.8 | 87.3 | 88.5 | 88.8 | 88.8 | 89.1 |
| >=1500 | 47.2 | 77.7 | 82.9 | 86.4 | 88.4 | 89.0 | 90.3 | 90.5 | 90.5 | 90.8 |
| >=1200 | 47.6 | 78.7 | 84.0 | 87.6 | 89.7 | 90.3 | 91.6 | 91.9 | 91.9 | 92.2 |
| >=1000 | 47.8 | 79.6 | 85.1 | 88.7 | 90.8 | 91.5 | 92.8 | 93.1 | 93.1 | 93.5 |
| >=900 | 47.9 | 80.1 | 85.7 | 89.5 | 91.6 | 92.2 | 93.6 | 93.9 | 93.9 | 94.3 |
| >=800 | 48.0 | 80.5 | 86.2 | 90.0 | 92.2 | 92.8 | 94.2 | 94.6 | 94.6 | 95.0 |
| >=700 | 48.1 | 80.8 | 86.6 | 90.4 | 92.7 | 93.3 | 94.8 | 95.2 | 95.2 | 95.5 |
| >=600 | 48.1 | 81.1 | 87.0 | 90.9 | 93.3 | 94.0 | 95.5 | 95.9 | 95.9 | 96.3 |
| >=500 | 48.2 | 81.4 | 87.3 | 91.4 | 93.8 | 94.5 | 96.2 | 96.6 | 96.6 | 97.1 |
| >=400 | 48.2 | 81.6 | 87.6 | 91.8 | 94.3 | 95.1 | 96.8 | 97.3 | 97.3 | 97.8 |
| >=300 | 48.2 | 81.7 | 87.8 | 92.0 | 94.6 | 95.4 | 97.3 | 97.8 | 97.8 | 98.3 |
| >=200 | 48.2 | 81.7 | 87.8 | 92.0 | 94.7 | 95.5 | 97.4 | 98.0 | 98.0 | 98.6 |
| >=100 | 48.2 | 81.7 | 87.8 | 92.0 | 94.7 | 95.5 | 97.5 | 98.0 | 98.0 | 98.7 |
| >=0 | 48.2 | 81.7 | 87.8 | 92.0 | 94.7 | 95.5 | 97.5 | 98.0 | 98.0 | 98.7 |

TOTAL NO. OF OBS : 10077

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 32W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|----|-------|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | | |
| N | 3.1 | 7.5 | 4.2 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.4 | 6.2 | |
| NNE | 1.4 | 7.5 | 6.8 | 2.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 18.1 | 7.2 | |
| NE | 1.2 | 4.4 | 3.6 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 6.6 | |
| ENE | .4 | 1.6 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.0 | |
| E | .5 | .6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 5.4 | |
| ESE | .6 | .5 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 4.4 | |
| SE | .5 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 4.8 | |
| SSE | .2 | .4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.8 | |
| S | .9 | 1.9 | 1.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 5.9 | |
| SSW | .6 | 1.4 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 6.0 | |
| SW | .9 | 1.4 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.9 | |
| WSW | .6 | 1.5 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 6.0 | |
| W | 1.5 | 1.2 | 1.3 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | 5.7 | |
| WNW | .7 | 1.2 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.0 | |
| NW | .8 | 1.4 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 5.8 | |
| NNW | 1.4 | 3.8 | 1.6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 5.4 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.2 | .0 | |
| ALL | 15.4 | 37.0 | 26.1 | 6.6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.4 | |

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 2.6 | 8.8 | 5.2 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 18.9 | 6.5 |
| NNE | 2.1 | 7.7 | 7.3 | 3.1 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 20.4 | 7.3 |
| NE | .9 | 2.7 | 7.5 | .7 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | 8.0 | 7.3 |
| ENE | .3 | 1.0 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 6.3 |
| E | .3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | 4.3 |
| ESE | .2 | .1 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 | 6.7 |
| SE | .4 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 4.7 |
| SSE | .2 | .4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .8 | 5.7 |
| S | .4 | .9 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 6.7 |
| SSW | .4 | .6 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.4 |
| SW | .6 | 1.2 | 1.5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 6.5 |
| WSW | .4 | 2.3 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 6.3 |
| W | .4 | 2.7 | 1.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.3 |
| WNW | .8 | 1.6 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 5.8 |
| NW | 1.5 | 1.7 | 1.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 5.5 |
| NVW | 1.5 | 6.9 | 1.9 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 11.0 | 5.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.3 | .0 |
| ALL | 12.9 | 39.4 | 27.0 | 8.8 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.8 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 3 | 4 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | 3.5 | 8.7 | 5.8 | 2.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 20.3 | 6.5 |
| NNE | 1.7 | 6.5 | 9.3 | 4.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 22.1 | 8.0 |
| NE | 1.0 | 3.8 | 3.8 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 6.8 |
| ENE | .5 | 1.1 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 5.8 |
| E | .2 | .5 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 6.7 |
| ESE | .5 | .3 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 5.3 |
| SE | .3 | .4 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .8 | 5.8 |
| SSE | .2 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 5.4 |
| S | .8 | .6 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 5.3 |
| SSW | .3 | .5 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 7.0 |
| SW | .1 | 1.0 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 7.4 |
| WSW | .7 | 2.0 | 1.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.6 |
| W | .8 | 2.6 | 1.5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.2 |
| WNW | 1.3 | 1.9 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 4.9 |
| NW | 1.2 | 1.9 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 5.5 |
| NNW | 1.2 | 5.1 | 1.6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 5.5 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | .0 |
| ALL | 14.1 | 37.7 | 29.1 | 9.6 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.1 |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|-------------|-----|------|------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---------|-----------------|
| N | .5 | .3 | .1 | .5 | .3 | .1 | 7.1 | 3.8 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 15.2 | 9.1 |
| NNE | .8 | 1.5 | .5 | 1.5 | 8.1 | .4 | 8.1 | 8.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 18.9 | 10.2 |
| NE | .4 | 2.6 | .1 | .1 | 9.8 | .1 | 4.1 | 4.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 17.1 | 9.2 |
| ENE | .3 | 1.9 | .6 | .1 | 4.0 | .6 | .6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 7.9 |
| E | .4 | .7 | 1.6 | .1 | 1.6 | .7 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.3 |
| ESE | .5 | .5 | .9 | .0 | .9 | .5 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 7.2 |
| SE | .1 | .3 | .6 | .0 | .6 | .2 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 8.5 |
| SSE | .2 | .5 | .5 | .0 | .5 | .5 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 7.1 |
| S | .4 | .5 | .5 | .0 | .5 | .5 | .5 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 7.4 |
| SSW | .2 | .4 | .7 | .2 | .7 | .5 | .7 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 9.1 |
| SW | .0 | .9 | 1.5 | .9 | 1.5 | 1.0 | 1.5 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 9.2 |
| WSW | .2 | 1.7 | 2.5 | 1.7 | 2.5 | 1.5 | 1.5 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 8.9 |
| W | .5 | 1.5 | 2.7 | 1.2 | 2.7 | 1.2 | 1.2 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.0 |
| WNW | .3 | 1.6 | 1.6 | .4 | 1.6 | .4 | .4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.1 |
| NW | .2 | 1.4 | 1.2 | .6 | 1.2 | .6 | .6 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 8.1 |
| NNW | .2 | 1.2 | 2.1 | .2 | 2.1 | .2 | 2.2 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 9.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | .0 |
| ALL | 5.1 | 20.4 | 45.3 | 1.9 | 26.3 | .1 | .0 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.9 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 D2W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 | - 3 | 4 | - 6 | 7-10 | 11-16 | SPEED (KNOTS) | | | | | | | TOTAL | MEAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|-----|---|-----|------|-------|---------------|-------|-------|-------|-------|-------|------|-------|------|---|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | % | WIND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIR. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL | MEAN | |
|------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|------|------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-54 | >56 | | % | WIND SPEED |
| N | .3 | 2.6 | 6.6 | 2.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 12.4 | 8.7 | |
| NNE | .5 | 2.3 | 5.6 | 1.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | 8.5 | |
| NE | .5 | 1.9 | 3.2 | 1.5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 8.3 | |
| NNE | .2 | .8 | 2.9 | 1.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 9.4 | |
| E | .5 | 1.3 | 4.2 | 2.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 9.2 | |
| ESE | .2 | 1.2 | 4.8 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 8.7 | |
| SE | .2 | .7 | 4.0 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 8.4 | |
| SSE | .3 | 1.0 | 2.6 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 8.4 | |
| S | .2 | 1.2 | 3.8 | 1.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.8 | |
| SSW | .2 | .5 | 1.7 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 8.7 | |
| SW | .3 | .5 | 1.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.9 | 8.1 | |
| WSW | .0 | .5 | 1.9 | .6 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 3.1 | 9.5 | |
| W | .2 | .8 | 2.5 | 1.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 9.9 | |
| WNW | .2 | .9 | 1.2 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.6 | |
| NW | .1 | 1.1 | 1.7 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.5 | |
| NNW | .2 | .9 | 2.3 | 1.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 9.3 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| ALL | 3.9 | 18.4 | 52.5 | 23.9 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.7 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013940 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HCLP : 1960 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL | | MEAN |
|------|------|---|------|------|-----|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|--|------------|
| | | | | | | | | | | | | | | | | % | | WIND SPEED |
| N | .8 | | | 3.8 | 2.5 | | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | | 7.1 |
| NNE | .9 | | 3.6 | 4.0 | 1.2 | | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | | 7.4 |
| NE | 1.1 | | 4.6 | 7.6 | .7 | | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | | 6.3 |
| NNE | .8 | | 4.3 | 2.2 | .4 | | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | | 6.2 |
| E | 1.0 | | 4.8 | 2.8 | .3 | | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | | 5.9 |
| ESE | 1.5 | | 3.5 | 1.6 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | | 5.3 |
| SE | .6 | | 3.0 | .7 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | | 5.2 |
| SSE | .9 | | 2.0 | .3 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.4 | | 4.8 |
| S | 1.7 | | 4.9 | 2.2 | .5 | | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.3 | | 5.7 |
| SSW | .5 | | 1.9 | 2.1 | .2 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | | 6.6 |
| SW | 1.0 | | 1.5 | 1.2 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | | 5.4 |
| WSW | .3 | | 1.1 | .5 | .2 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | | 6.0 |
| W | .5 | | .8 | .6 | .5 | | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | | 7.2 |
| WNW | .1 | | .5 | .7 | .2 | | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | | 7.5 |
| NW | .5 | | .8 | 1.1 | .1 | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | | 5.9 |
| NNW | .5 | | 2.5 | 1.2 | .5 | | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | | 6.8 |
| VAR | .0 | | .0 | .0 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | .0 |
| CLM | .0 | | .0 | .0 | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | | .0 |
| ALL | 12.5 | | 45.0 | 23.7 | 5.9 | | 5.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | | 5.7 |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : RC 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL % | MEAN WIND SPEED |
|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|---------|-----------------|
| N | 1.2 | 5.4 | 3.8 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 12.4 | 7.0 |
| NNE | 2.3 | 6.0 | 5.5 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 15.7 | 6.9 |
| NE | 1.1 | 5.5 | 4.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.4 | 6.4 |
| ENE | .6 | 2.5 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 5.9 |
| E | .5 | 1.6 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 5.2 |
| ESE | .5 | .8 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 5.2 |
| SE | .7 | 1.1 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 5.0 |
| SSE | .7 | .8 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.3 |
| S | 1.5 | 4.1 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 4.7 |
| SSW | .9 | 2.2 | 1.6 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 6.3 |
| SW | .7 | 1.8 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 5.6 |
| WSW | .4 | 1.2 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 6.6 |
| W | .5 | 1.3 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 6.2 |
| WNW | .8 | .5 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 6.1 |
| NW | .4 | 1.1 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.1 |
| NNW | .7 | 2.0 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 6.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.1 | .0 |
| ALL | 13.8 | 37.9 | 25.7 | 6.1 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.2 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | SPEED (KNOTS) | | | | | TOTAL | MEAN |
|--------|-------|-------|------|-------|-------|---------------|-------|-------|-------|-------|-------|------------|
| DIR. | | | | | | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | % | WIND SPEED |
| N | 1.6 | 5.3 | 5.2 | 2.4 | .2 | .0* | .0 | .0 | .0 | .0 | 14.7 | 7.5 |
| NNE | 1.3 | 4.7 | 6.6 | 3.4 | .2 | .0* | .0 | .0 | .0 | .0 | 16.1 | 8.1 |
| NE | .8 | 3.5 | 4.7 | 1.5 | .0* | .0* | .0 | .0 | .0 | .0 | 10.6 | 7.6 |
| ENE | .4 | 1.8 | 2.2 | .7 | .0* | .0* | .0 | .0 | .0 | .0 | 5.2 | 7.4 |
| E | .5 | 1.4 | 1.7 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.5 |
| ESE | .5 | 1.0 | 1.3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 7.0 |
| SE | .4 | 1.0 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 6.8 |
| SSE | .4 | .9 | .6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.6 |
| S | .8 | 1.9 | 1.3 | .6 | .0* | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.5 |
| SSW | .4 | 1.1 | 1.1 | .5 | .0* | .0 | .0 | .0 | .0 | .0 | 3.1 | 7.3 |
| SW | .5 | 1.1 | 1.4 | .5 | .0* | .0* | .0 | .0 | .0 | .0 | 3.5 | 7.2 |
| WSW | .3 | 1.4 | 1.5 | .6 | .0* | .0* | .0* | .0 | .0 | .0 | 3.9 | 7.7 |
| W | .6 | 1.5 | 1.7 | .8 | .1 | .0* | .0 | .0 | .0 | .0 | 4.7 | 7.6 |
| WNW | .6 | 1.1 | 1.2 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | 3.3 | 7.0 |
| NW | .6 | 1.3 | 1.2 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | 3.6 | 6.8 |
| NNW | .7 | 2.9 | 2.0 | 1.0 | .1 | .0* | .0 | .0 | .0 | .0 | 6.7 | 7.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | .0 |
| ALL | 10.4 | 31.8 | 34.9 | 14.5 | .9 | .1 | .0* | .0 | .0 | .0 | 100.0 | 6.9 |

TOTAL NO. OF OBS : 10413

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

513980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|---------|-------|-------|-------|--------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=1 1/4 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 38.3 | 59.3 | 62.4 | 65.5 | 66.6 | 66.9 | 67.8 | 67.9 | 68.6 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 | 69.4 | 69.6 |
| >=20000 | 39.7 | 61.7 | 65.0 | 68.0 | 69.2 | 69.4 | 70.4 | 70.6 | 71.2 | 71.3 | 71.3 | 71.3 | 71.6 | 71.6 | 72.0 | 72.3 |
| >=18000 | 39.8 | 61.8 | 65.0 | 68.1 | 69.3 | 69.5 | 70.5 | 70.6 | 71.3 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 72.1 | 72.3 |
| >=16000 | 39.8 | 61.8 | 65.0 | 68.1 | 69.3 | 69.5 | 70.5 | 70.6 | 71.3 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 72.1 | 72.3 |
| >=14000 | 40.4 | 62.9 | 66.1 | 69.3 | 70.5 | 70.7 | 71.7 | 71.9 | 72.5 | 72.6 | 72.6 | 72.6 | 72.9 | 72.9 | 73.3 | 73.6 |
| >=12000 | 41.4 | 64.4 | 67.7 | 70.9 | 72.1 | 72.3 | 73.3 | 73.5 | 74.1 | 74.3 | 74.3 | 74.3 | 74.5 | 74.5 | 74.9 | 75.2 |
| >=10000 | 42.1 | 65.4 | 68.9 | 72.1 | 73.3 | 73.6 | 74.6 | 74.7 | 75.3 | 75.5 | 75.5 | 75.5 | 75.7 | 75.7 | 76.2 | 76.4 |
| >=9000 | 42.4 | 66.3 | 69.8 | 72.9 | 74.2 | 74.4 | 75.4 | 75.6 | 76.2 | 76.3 | 76.3 | 76.3 | 76.6 | 76.6 | 77.0 | 77.2 |
| >=8000 | 43.0 | 67.4 | 71.1 | 74.3 | 75.5 | 75.7 | 76.7 | 76.9 | 77.5 | 77.6 | 77.6 | 77.6 | 77.9 | 77.9 | 78.3 | 78.6 |
| >=7000 | 43.9 | 69.0 | 72.8 | 75.9 | 77.2 | 77.4 | 78.4 | 78.6 | 79.2 | 79.3 | 79.3 | 79.3 | 79.6 | 79.6 | 80.0 | 80.2 |
| >=6000 | 44.5 | 70.6 | 74.5 | 77.6 | 78.9 | 79.1 | 80.1 | 80.2 | 80.9 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.7 | 81.9 |
| >=5000 | 45.1 | 71.7 | 75.6 | 78.7 | 80.0 | 80.2 | 81.2 | 81.4 | 82.0 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.9 | 83.1 |
| >=4500 | 45.4 | 72.3 | 76.2 | 79.3 | 80.6 | 80.9 | 81.9 | 82.0 | 82.6 | 82.8 | 82.8 | 82.8 | 83.0 | 83.0 | 83.5 | 83.7 |
| >=4000 | 45.8 | 72.9 | 76.9 | 80.0 | 81.3 | 81.6 | 82.6 | 82.7 | 83.3 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 84.2 | 84.4 |
| >=3500 | 46.3 | 73.9 | 77.8 | 80.9 | 82.3 | 82.6 | 83.6 | 83.8 | 84.4 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 85.2 | 85.5 |
| >=3000 | 46.6 | 74.8 | 78.8 | 82.0 | 83.4 | 83.6 | 84.7 | 84.9 | 85.5 | 85.6 | 85.6 | 85.6 | 85.9 | 85.9 | 86.3 | 86.5 |
| >=2500 | 46.9 | 75.6 | 79.6 | 83.0 | 84.5 | 84.7 | 85.8 | 85.9 | 86.5 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 87.4 | 87.6 |
| >=2000 | 47.7 | 77.0 | 81.2 | 84.6 | 86.1 | 86.3 | 87.4 | 87.5 | 88.2 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 89.1 | 89.3 |
| >=1800 | 48.1 | 77.7 | 81.9 | 85.3 | 86.8 | 87.0 | 88.2 | 88.3 | 89.0 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.9 | 90.1 |
| >=1500 | 48.5 | 78.7 | 82.9 | 86.3 | 87.8 | 88.0 | 89.2 | 89.3 | 90.0 | 90.2 | 90.2 | 90.2 | 90.5 | 90.5 | 90.9 | 91.2 |
| >=1200 | 49.0 | 79.7 | 84.0 | 87.5 | 89.0 | 89.2 | 90.4 | 90.5 | 91.2 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 92.2 | 92.4 |
| >=1000 | 49.0 | 80.2 | 84.6 | 88.2 | 89.8 | 90.0 | 91.2 | 91.4 | 92.1 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 93.0 | 93.2 |
| >=900 | 49.0 | 80.5 | 84.9 | 88.5 | 90.3 | 90.5 | 91.8 | 91.9 | 92.6 | 92.9 | 92.9 | 92.9 | 93.1 | 93.1 | 93.5 | 93.8 |
| >=800 | 49.1 | 80.9 | 85.5 | 89.1 | 90.9 | 91.2 | 92.5 | 92.7 | 93.4 | 93.6 | 93.6 | 93.6 | 93.9 | 93.9 | 94.3 | 94.5 |
| >=700 | 49.2 | 81.2 | 86.0 | 89.7 | 91.7 | 91.9 | 93.4 | 93.5 | 94.2 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 95.2 | 95.4 |
| >=600 | 49.2 | 81.4 | 86.3 | 90.1 | 92.1 | 92.3 | 93.9 | 94.0 | 94.7 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.6 | 95.8 |
| >=500 | 49.2 | 81.6 | 86.5 | 90.4 | 92.4 | 92.6 | 94.4 | 94.5 | 95.3 | 95.5 | 95.5 | 95.5 | 95.8 | 95.8 | 96.2 | 96.5 |
| >=400 | 49.2 | 81.7 | 86.7 | 90.9 | 92.9 | 93.1 | 95.7 | 95.2 | 96.0 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.9 | 97.2 |
| >=300 | 49.2 | 81.8 | 86.8 | 91.1 | 93.2 | 93.5 | 95.7 | 95.0 | 96.8 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.8 | 98.1 |
| >=200 | 49.2 | 81.8 | 86.8 | 91.1 | 93.4 | 93.6 | 95.9 | 96.5 | 97.2 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.8 | 99.2 |
| >=100 | 49.2 | 81.8 | 86.8 | 91.1 | 93.4 | 93.6 | 95.9 | 96.5 | 97.2 | 97.6 | 97.6 | 97.6 | 98.2 | 98.2 | 99.0 | 99.4 |
| >=0 | 49.2 | 81.8 | 86.8 | 91.1 | 93.4 | 93.6 | 95.9 | 96.5 | 97.2 | 97.6 | 97.6 | 97.6 | 98.2 | 98.2 | 99.3 | 100.0 |

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : OCT
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6 | >=5 | >=4 | VISIBILITY (STATUTE MILES) | | | | | | | | | | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|----------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | | | | | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | | | | | | | | | |
| UNLIMIT | 32.9 | 52.7 | 57.5 | 60.3 | 62.6 | 62.7 | 63.4 | 63.5 | 63.5 | 63.5 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 65.4 | 65.6 | 66.4 | 67.1 |
| >=20000 | 34.3 | 54.4 | 59.3 | 62.2 | 64.5 | 64.7 | 65.4 | 65.5 | 65.5 | 65.5 | 66.4 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 67.4 | 67.6 | 68.4 | 69.1 |
| >=18000 | 34.3 | 54.4 | 59.3 | 62.2 | 64.5 | 64.7 | 65.4 | 65.5 | 65.5 | 65.5 | 66.4 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 67.4 | 67.6 | 68.4 | 69.1 |
| >=16000 | 34.3 | 54.5 | 59.4 | 62.4 | 64.7 | 64.8 | 65.5 | 65.7 | 65.7 | 65.7 | 66.5 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.6 | 67.7 | 68.6 | 69.3 |
| >=14000 | 34.9 | 55.5 | 60.5 | 63.4 | 65.7 | 65.9 | 66.7 | 66.8 | 66.8 | 66.8 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.9 | 68.9 | 69.8 | 70.5 |
| >=12000 | 35.2 | 56.0 | 61.2 | 64.1 | 66.5 | 66.7 | 67.5 | 67.7 | 67.7 | 67.7 | 68.5 | 68.5 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.6 | 69.7 | 70.7 | 71.4 |
| >=10000 | 35.8 | 57.3 | 62.6 | 65.6 | 68.0 | 68.1 | 69.0 | 69.1 | 69.1 | 69.1 | 70.0 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 71.0 | 71.2 | 72.1 | 72.8 |
| >=9000 | 36.0 | 58.0 | 63.3 | 66.4 | 68.8 | 69.0 | 69.8 | 70.0 | 70.0 | 70.0 | 70.8 | 70.8 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.9 | 72.0 | 73.0 | 73.7 |
| >=8000 | 36.6 | 59.2 | 64.6 | 67.7 | 70.2 | 70.4 | 71.2 | 71.4 | 71.4 | 71.4 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 73.3 | 73.4 | 74.3 | 75.0 |
| >=7000 | 37.3 | 60.4 | 65.9 | 69.1 | 71.6 | 71.7 | 72.7 | 72.8 | 72.8 | 72.8 | 73.7 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.9 | 75.0 | 75.8 | 76.5 |
| >=6000 | 37.6 | 61.3 | 66.7 | 70.0 | 72.7 | 72.8 | 73.7 | 73.9 | 73.9 | 73.9 | 74.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.8 | 76.0 | 76.9 | 77.6 |
| >=5000 | 38.3 | 62.2 | 67.7 | 71.0 | 73.7 | 73.8 | 74.7 | 74.9 | 74.9 | 74.9 | 75.7 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.8 | 77.0 | 77.9 | 78.6 |
| >=4500 | 38.6 | 62.9 | 68.4 | 71.7 | 74.3 | 74.6 | 75.5 | 75.7 | 75.7 | 75.7 | 76.5 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.6 | 77.7 | 78.6 | 79.3 |
| >=4000 | 38.9 | 63.4 | 69.0 | 72.4 | 75.0 | 75.3 | 76.3 | 76.4 | 76.4 | 76.4 | 77.3 | 77.3 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 78.3 | 78.5 | 79.4 | 80.1 |
| >=3500 | 39.2 | 64.2 | 70.0 | 73.3 | 76.0 | 76.2 | 77.2 | 77.3 | 77.3 | 77.3 | 78.2 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 79.3 | 79.4 | 80.3 | 81.0 |
| >=3000 | 39.7 | 65.5 | 71.4 | 74.7 | 77.3 | 77.6 | 78.6 | 78.8 | 78.8 | 78.8 | 79.6 | 79.6 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 | 80.9 | 81.8 | 82.5 |
| >=2500 | 40.2 | 66.6 | 72.4 | 76.0 | 78.6 | 78.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 82.0 | 82.1 | 83.0 | 83.7 |
| >=2000 | 40.6 | 67.4 | 73.3 | 76.9 | 79.6 | 79.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 83.0 | 83.1 | 84.1 | 84.8 |
| >=1800 | 40.9 | 67.8 | 73.8 | 77.3 | 80.0 | 80.3 | 81.4 | 81.6 | 81.6 | 81.6 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 83.5 | 83.6 | 84.6 | 85.3 |
| >=1500 | 41.4 | 68.8 | 75.0 | 78.5 | 81.2 | 81.5 | 82.6 | 82.9 | 82.9 | 82.9 | 83.7 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.8 | 84.9 | 85.9 | 86.6 |
| >=1200 | 41.7 | 69.7 | 75.9 | 79.5 | 82.2 | 82.6 | 83.7 | 83.9 | 83.9 | 83.9 | 84.8 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.9 | 86.0 | 87.0 | 87.7 |
| >=1000 | 42.2 | 70.8 | 77.3 | 81.0 | 83.8 | 84.2 | 85.3 | 85.6 | 85.6 | 85.6 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.5 | 87.6 | 88.6 | 89.4 |
| >=900 | 42.3 | 71.0 | 77.7 | 81.5 | 84.3 | 84.6 | 85.9 | 86.1 | 86.1 | 86.1 | 86.9 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 88.0 | 88.2 | 89.2 | 89.9 |
| >=800 | 42.4 | 71.7 | 78.6 | 82.4 | 85.3 | 85.8 | 87.2 | 87.4 | 87.4 | 87.4 | 88.2 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 89.3 | 89.5 | 90.5 | 91.2 |
| >=700 | 42.7 | 72.4 | 79.3 | 83.2 | 86.3 | 86.8 | 88.2 | 88.4 | 88.4 | 88.4 | 89.2 | 89.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 90.3 | 90.5 | 91.5 | 92.2 |
| >=600 | 42.8 | 72.7 | 79.6 | 83.5 | 86.6 | 87.2 | 88.6 | 88.8 | 88.8 | 88.8 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.7 | 90.9 | 91.9 | 92.6 |
| >=500 | 42.9 | 73.0 | 80.3 | 84.4 | 87.8 | 88.4 | 90.0 | 90.2 | 90.2 | 90.2 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 92.2 | 92.3 | 93.3 | 94.1 |
| >=400 | 42.9 | 73.1 | 80.5 | 84.9 | 88.5 | 89.1 | 91.1 | 91.3 | 91.3 | 91.3 | 92.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 93.2 | 93.4 | 94.5 | 95.2 |
| >=300 | 42.9 | 73.1 | 80.6 | 85.1 | 88.8 | 89.5 | 91.6 | 92.2 | 92.2 | 92.2 | 93.1 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 94.2 | 94.4 | 95.5 | 96.3 |
| >=200 | 42.9 | 73.2 | 80.6 | 85.4 | 89.3 | 90.0 | 92.3 | 93.0 | 93.1 | 93.1 | 94.0 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 95.5 | 95.6 | 96.9 | 97.9 |
| >=100 | 42.9 | 73.2 | 80.6 | 85.5 | 89.4 | 90.1 | 92.6 | 93.3 | 93.4 | 93.4 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 96.1 | 96.3 | 98.2 | 99.3 |
| >=0 | 42.9 | 73.2 | 80.6 | 85.5 | 89.4 | 90.1 | 92.6 | 93.3 | 93.4 | 93.4 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 96.1 | 96.3 | 98.4 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 27.5 | 45.2 | 49.2 | 50.8 | 53.2 | 53.9 | 55.9 | 56.5 | 56.5 | 57.1 | 57.4 | 57.4 | 57.5 | 58.1 | 58.3 | 58.8 | 59.8 |
| >=20000 | 29.1 | 48.2 | 52.5 | 54.4 | 57.0 | 57.8 | 59.8 | 60.4 | 60.4 | 61.1 | 61.3 | 61.3 | 61.4 | 62.0 | 62.2 | 62.8 | 63.8 |
| >=18000 | 29.2 | 48.3 | 52.6 | 54.5 | 57.1 | 58.0 | 60.0 | 60.5 | 60.5 | 61.2 | 61.4 | 61.4 | 61.6 | 62.1 | 62.4 | 63.0 | 64.0 |
| >=16000 | 29.3 | 48.7 | 53.0 | 54.9 | 57.6 | 58.4 | 60.4 | 61.0 | 61.0 | 61.8 | 62.0 | 62.0 | 62.1 | 62.7 | 62.9 | 63.5 | 64.5 |
| >=14000 | 29.6 | 49.4 | 53.8 | 55.8 | 58.5 | 59.4 | 61.4 | 62.0 | 62.0 | 62.7 | 63.1 | 63.1 | 63.2 | 63.7 | 64.0 | 64.6 | 65.6 |
| >=12000 | 30.1 | 50.8 | 55.3 | 57.5 | 60.1 | 61.0 | 63.1 | 63.7 | 63.7 | 64.5 | 64.8 | 64.8 | 65.0 | 65.5 | 65.7 | 66.4 | 67.4 |
| >=10000 | 30.6 | 52.4 | 57.0 | 59.2 | 61.9 | 62.7 | 64.6 | 65.4 | 65.4 | 66.4 | 66.7 | 66.7 | 66.8 | 67.4 | 67.6 | 68.3 | 69.3 |
| >=9000 | 31.1 | 53.0 | 57.8 | 60.1 | 62.7 | 63.7 | 65.9 | 66.4 | 66.4 | 67.4 | 67.7 | 67.7 | 67.8 | 68.4 | 68.6 | 69.3 | 70.3 |
| >=8000 | 31.4 | 53.8 | 58.8 | 61.4 | 64.1 | 65.0 | 67.2 | 67.8 | 67.8 | 68.7 | 69.0 | 69.0 | 69.2 | 69.8 | 70.0 | 70.7 | 71.8 |
| >=7000 | 32.1 | 54.9 | 60.1 | 62.7 | 65.4 | 66.4 | 68.6 | 69.2 | 69.2 | 70.2 | 70.5 | 70.5 | 70.7 | 71.3 | 71.5 | 72.3 | 73.3 |
| >=6000 | 32.4 | 55.7 | 60.9 | 63.6 | 66.4 | 67.3 | 69.5 | 70.1 | 70.1 | 71.3 | 71.6 | 71.6 | 71.7 | 72.4 | 72.6 | 73.3 | 74.4 |
| >=5000 | 32.8 | 56.9 | 62.1 | 65.0 | 67.7 | 68.7 | 70.6 | 71.5 | 71.5 | 72.7 | 73.0 | 73.0 | 73.1 | 73.8 | 74.1 | 74.9 | 76.0 |
| >=4500 | 33.3 | 57.6 | 62.9 | 65.7 | 68.5 | 69.4 | 71.7 | 72.3 | 72.3 | 73.4 | 73.7 | 73.7 | 73.9 | 74.6 | 74.9 | 75.7 | 76.8 |
| >=4000 | 33.6 | 58.2 | 63.7 | 66.5 | 69.3 | 70.3 | 72.5 | 73.1 | 73.1 | 74.3 | 74.6 | 74.6 | 74.7 | 75.5 | 75.9 | 76.7 | 77.9 |
| >=3500 | 33.9 | 58.7 | 64.1 | 67.1 | 69.9 | 71.0 | 73.2 | 73.8 | 73.8 | 75.0 | 75.3 | 75.3 | 75.4 | 76.2 | 76.6 | 77.3 | 78.6 |
| >=3000 | 34.3 | 59.8 | 65.4 | 68.4 | 71.4 | 72.4 | 74.7 | 75.3 | 75.3 | 76.4 | 76.7 | 76.7 | 76.9 | 77.6 | 78.0 | 78.9 | 80.1 |
| >=2500 | 34.4 | 60.2 | 66.0 | 69.1 | 72.2 | 73.3 | 75.6 | 76.2 | 76.2 | 77.3 | 77.6 | 77.6 | 77.8 | 78.6 | 79.0 | 79.8 | 81.0 |
| >=2000 | 34.7 | 60.8 | 66.6 | 69.7 | 72.8 | 73.9 | 76.2 | 76.8 | 76.8 | 78.0 | 78.3 | 78.3 | 78.5 | 79.3 | 79.6 | 80.5 | 81.7 |
| >=1800 | 34.9 | 61.2 | 67.0 | 70.1 | 73.3 | 74.3 | 76.7 | 77.3 | 77.3 | 78.5 | 78.8 | 78.8 | 79.0 | 79.7 | 80.1 | 81.0 | 82.2 |
| >=1500 | 35.3 | 61.8 | 67.6 | 70.8 | 74.0 | 75.1 | 77.4 | 78.0 | 78.0 | 79.3 | 79.6 | 79.6 | 79.7 | 80.5 | 80.9 | 81.7 | 82.9 |
| >=1200 | 36.2 | 62.8 | 68.7 | 71.9 | 75.0 | 76.2 | 78.5 | 79.1 | 79.1 | 80.3 | 80.6 | 80.6 | 80.8 | 81.6 | 82.0 | 82.8 | 84.0 |
| >=1000 | 36.6 | 63.9 | 70.0 | 73.4 | 76.7 | 77.8 | 80.1 | 80.8 | 80.8 | 82.0 | 82.3 | 82.3 | 82.5 | 83.3 | 83.6 | 84.5 | 85.7 |
| >=900 | 36.9 | 64.6 | 71.0 | 74.3 | 77.7 | 79.0 | 81.4 | 82.1 | 82.1 | 83.4 | 83.7 | 83.7 | 83.9 | 84.6 | 85.0 | 85.9 | 87.1 |
| >=800 | 37.6 | 65.9 | 72.5 | 76.0 | 79.6 | 80.8 | 83.3 | 84.1 | 84.1 | 85.4 | 85.7 | 85.7 | 85.9 | 86.6 | 87.0 | 87.9 | 89.1 |
| >=700 | 37.9 | 66.7 | 73.3 | 76.9 | 80.7 | 82.0 | 84.5 | 85.3 | 85.3 | 86.6 | 86.9 | 86.9 | 87.1 | 87.9 | 88.2 | 89.1 | 90.3 |
| >=600 | 38.1 | 67.4 | 74.2 | 77.9 | 81.7 | 82.9 | 85.6 | 86.3 | 86.3 | 87.7 | 88.0 | 88.0 | 88.2 | 88.9 | 89.3 | 90.2 | 91.4 |
| >=500 | 38.4 | 68.2 | 75.1 | 79.1 | 83.3 | 84.6 | 87.7 | 88.2 | 88.2 | 89.7 | 90.0 | 90.0 | 90.2 | 90.9 | 91.3 | 92.2 | 93.4 |
| >=400 | 38.4 | 68.4 | 75.4 | 79.6 | 83.9 | 85.3 | 88.2 | 89.3 | 89.3 | 90.8 | 91.1 | 91.1 | 91.2 | 92.0 | 92.4 | 93.2 | 94.5 |
| >=300 | 38.4 | 68.6 | 75.7 | 79.9 | 84.3 | 85.8 | 89.0 | 90.6 | 90.6 | 92.2 | 92.5 | 92.5 | 92.7 | 93.5 | 93.9 | 94.8 | 96.2 |
| >=200 | 38.4 | 68.6 | 75.7 | 79.9 | 84.4 | 85.9 | 89.6 | 91.2 | 91.2 | 93.2 | 93.9 | 93.9 | 94.1 | 95.2 | 95.7 | 96.6 | 98.2 |
| >=100 | 38.4 | 68.6 | 75.7 | 79.9 | 84.4 | 85.9 | 89.6 | 91.2 | 91.2 | 93.2 | 93.9 | 93.9 | 94.2 | 95.4 | 95.9 | 97.3 | 99.3 |
| >=0 | 38.4 | 68.6 | 75.7 | 79.9 | 84.4 | 85.9 | 89.6 | 91.2 | 91.2 | 93.2 | 93.9 | 93.9 | 94.2 | 95.4 | 95.9 | 97.3 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 |
| UNLIMIT | 43.2 | 56.6 | 58.1 | 59.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.3 |
| >=20000 | 45.2 | 59.8 | 61.4 | 62.4 | 63.5 | 63.5 | 63.6 | 63.7 | 63.7 | 63.7 |
| >=18000 | 45.6 | 60.2 | 61.8 | 62.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 |
| >=16000 | 45.6 | 60.5 | 62.1 | 63.2 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 |
| >=14000 | 46.4 | 61.7 | 63.3 | 64.4 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 |
| >=12000 | 47.3 | 63.1 | 64.8 | 66.0 | 67.2 | 67.2 | 67.3 | 67.4 | 67.4 | 67.4 |
| >=10000 | 47.9 | 64.4 | 66.2 | 67.4 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 |
| >=9000 | 48.2 | 64.8 | 66.7 | 67.8 | 69.1 | 69.1 | 69.3 | 69.4 | 69.4 | 69.4 |
| >=8000 | 49.3 | 66.4 | 68.2 | 69.5 | 70.8 | 70.8 | 71.0 | 71.1 | 71.1 | 71.1 |
| >=7000 | 50.0 | 67.6 | 69.4 | 70.7 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.6 |
| >=6000 | 50.8 | 68.6 | 70.4 | 71.7 | 73.3 | 73.3 | 73.5 | 73.6 | 73.6 | 73.6 |
| >=5000 | 51.6 | 69.7 | 71.6 | 73.0 | 74.6 | 74.6 | 74.8 | 74.9 | 74.9 | 75.0 |
| >=4500 | 51.8 | 70.1 | 72.0 | 73.3 | 75.0 | 75.0 | 75.2 | 75.3 | 75.3 | 75.4 |
| >=4000 | 52.5 | 70.9 | 72.7 | 74.1 | 75.7 | 75.7 | 76.0 | 76.0 | 76.1 | 76.2 |
| >=3500 | 52.8 | 71.4 | 73.2 | 74.6 | 76.2 | 76.2 | 76.4 | 76.5 | 76.6 | 76.7 |
| >=3000 | 53.7 | 72.7 | 74.6 | 76.0 | 77.7 | 77.7 | 78.0 | 78.1 | 78.2 | 78.3 |
| >=2500 | 54.0 | 73.3 | 75.4 | 76.8 | 78.7 | 78.8 | 79.1 | 79.1 | 79.2 | 79.3 |
| >=2000 | 55.8 | 76.0 | 78.1 | 79.6 | 81.6 | 81.6 | 81.9 | 82.0 | 82.0 | 82.1 |
| >=1800 | 56.2 | 76.6 | 78.7 | 80.2 | 82.2 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 |
| >=1500 | 57.3 | 78.6 | 81.0 | 82.4 | 84.6 | 84.6 | 85.0 | 85.1 | 85.2 | 85.3 |
| >=1200 | 59.1 | 81.7 | 84.2 | 85.6 | 87.9 | 87.9 | 88.4 | 88.5 | 88.6 | 88.7 |
| >=1000 | 59.8 | 83.0 | 85.7 | 87.3 | 89.7 | 89.7 | 90.0 | 90.7 | 90.8 | 90.9 |
| >=900 | 60.1 | 84.3 | 87.1 | 88.7 | 91.3 | 91.3 | 91.6 | 92.4 | 92.5 | 92.5 |
| >=800 | 60.4 | 85.1 | 88.2 | 90.0 | 92.8 | 93.1 | 93.9 | 93.9 | 94.0 | 94.1 |
| >=700 | 60.4 | 85.7 | 88.9 | 90.9 | 93.7 | 94.1 | 95.0 | 95.1 | 95.2 | 95.2 |
| >=600 | 60.5 | 86.2 | 89.4 | 91.5 | 94.4 | 94.9 | 96.1 | 96.2 | 96.2 | 96.3 |
| >=500 | 60.5 | 86.4 | 90.0 | 92.1 | 95.2 | 95.8 | 97.2 | 97.5 | 97.6 | 97.7 |
| >=400 | 60.5 | 86.6 | 90.2 | 92.3 | 95.5 | 96.2 | 98.1 | 98.6 | 98.8 | 98.9 |
| >=300 | 60.5 | 86.6 | 90.2 | 92.5 | 95.7 | 96.5 | 98.6 | 99.2 | 99.3 | 99.5 |
| >=200 | 60.5 | 86.6 | 90.2 | 92.5 | 95.7 | 96.5 | 98.6 | 99.3 | 99.5 | 99.8 |
| >=100 | 60.5 | 86.6 | 90.2 | 92.5 | 95.7 | 96.5 | 98.6 | 99.3 | 99.5 | 99.9 |
| >=0 | 60.5 | 86.6 | 90.2 | 92.5 | 95.7 | 96.5 | 98.6 | 99.3 | 99.5 | 99.9 |

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 45.9 | 54.5 | 55.2 | 55.4 | 55.6 | 55.6 | 55.6 | 55.8 | 55.9 | 55.9 |
| >=20000 | 48.3 | 56.4 | 59.2 | 59.4 | 59.6 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 |
| >=18000 | 48.5 | 58.7 | 59.4 | 59.6 | 59.8 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 |
| >=16000 | 48.8 | 59.0 | 59.8 | 59.9 | 60.1 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 |
| >=14000 | 49.3 | 60.3 | 61.1 | 61.2 | 61.4 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 |
| >=12000 | 50.7 | 61.5 | 62.4 | 62.6 | 62.8 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 |
| >=10000 | 51.6 | 63.3 | 64.3 | 64.5 | 64.8 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 |
| >=9000 | 52.2 | 64.1 | 65.1 | 65.4 | 65.7 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=8000 | 52.9 | 65.4 | 66.4 | 66.7 | 67.1 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=7000 | 53.6 | 66.6 | 67.7 | 68.0 | 68.4 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 |
| >=6000 | 54.5 | 67.7 | 68.8 | 69.2 | 69.5 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 |
| >=5000 | 55.6 | 69.0 | 70.2 | 70.6 | 70.9 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 |
| >=4500 | 56.2 | 69.7 | 70.8 | 71.2 | 71.5 | 71.7 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=4000 | 57.7 | 71.7 | 73.0 | 73.3 | 73.7 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 |
| >=3500 | 59.7 | 74.0 | 75.4 | 75.9 | 76.2 | 76.4 | 76.8 | 76.8 | 76.8 | 76.8 |
| >=3000 | 62.6 | 78.0 | 79.3 | 79.8 | 80.1 | 80.4 | 80.8 | 80.8 | 80.8 | 80.8 |
| >=2500 | 65.4 | 82.3 | 84.0 | 84.6 | 84.9 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 |
| >=2000 | 67.6 | 85.3 | 88.2 | 88.9 | 89.3 | 89.6 | 90.1 | 90.1 | 90.1 | 90.1 |
| >=1800 | 68.1 | 87.3 | 89.3 | 89.9 | 90.4 | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 |
| >=1500 | 68.8 | 88.9 | 91.2 | 91.9 | 92.3 | 92.6 | 93.1 | 93.1 | 93.1 | 93.1 |
| >=1200 | 69.7 | 90.8 | 93.2 | 93.9 | 94.6 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 |
| >=1000 | 70.0 | 91.6 | 94.2 | 95.1 | 95.8 | 96.1 | 96.6 | 96.7 | 96.7 | 96.7 |
| >=900 | 70.0 | 91.9 | 94.5 | 95.5 | 96.2 | 96.5 | 97.1 | 97.2 | 97.2 | 97.2 |
| >=800 | 70.0 | 92.1 | 94.9 | 95.9 | 96.6 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 |
| >=700 | 70.2 | 92.4 | 95.4 | 96.3 | 97.2 | 97.5 | 98.1 | 98.2 | 98.2 | 98.2 |
| >=600 | 70.2 | 92.4 | 95.5 | 96.4 | 97.2 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 |
| >=500 | 70.2 | 92.5 | 95.7 | 96.8 | 97.7 | 98.2 | 99.3 | 99.5 | 99.5 | 99.5 |
| >=400 | 70.2 | 92.5 | 95.7 | 97.0 | 98.0 | 98.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| >=300 | 70.2 | 92.5 | 95.7 | 97.0 | 98.0 | 98.5 | 99.8 | 99.9 | 99.9 | 99.9 |
| >=200 | 70.2 | 92.6 | 95.8 | 97.1 | 98.1 | 98.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| >=100 | 70.2 | 92.6 | 95.8 | 97.1 | 98.1 | 98.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| >=0 | 70.2 | 92.6 | 95.8 | 97.1 | 98.1 | 98.5 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|---------|---------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 |
| UNLIMIT | 50.6 | 60.8 | 61.8 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| >=20000 | 53.9 | 65.2 | 66.3 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| >=18000 | 54.1 | 65.4 | 66.5 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=16000 | 54.4 | 66.0 | 67.1 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| >=14000 | 55.7 | 67.7 | 68.7 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| >=12000 | 56.8 | 69.5 | 70.7 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| >=10000 | 57.9 | 71.6 | 72.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| >= 9000 | 58.4 | 72.8 | 74.1 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| >= 8000 | 59.8 | 75.0 | 76.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| >= 7000 | 60.4 | 76.3 | 77.8 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| >= 6000 | 61.1 | 77.4 | 78.9 | 80.0 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| >= 5000 | 61.8 | 78.6 | 80.1 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| >= 4500 | 62.6 | 80.1 | 81.6 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| >= 4000 | 63.4 | 81.2 | 82.5 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| >= 3500 | 64.3 | 82.6 | 84.2 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| >= 3000 | 65.7 | 84.9 | 86.9 | 88.1 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| >= 2500 | 66.6 | 86.9 | 88.9 | 90.2 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| >= 2000 | 67.4 | 88.5 | 90.7 | 91.9 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| >= 1800 | 67.7 | 89.2 | 91.4 | 92.7 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 |
| >= 1500 | 68.1 | 90.1 | 92.5 | 93.9 | 94.2 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 |
| >= 1200 | 68.3 | 90.8 | 93.2 | 94.7 | 95.0 | 95.5 | 95.6 | 95.6 | 95.8 | 95.8 |
| >= 1000 | 68.5 | 91.3 | 93.8 | 95.5 | 95.8 | 96.2 | 96.5 | 96.7 | 96.7 | 96.7 |
| >= 900 | 68.7 | 91.7 | 94.3 | 95.9 | 96.2 | 96.5 | 96.7 | 97.0 | 97.2 | 97.2 |
| >= 800 | 68.7 | 91.9 | 94.6 | 96.3 | 96.6 | 97.1 | 97.3 | 97.6 | 97.8 | 97.8 |
| >= 700 | 68.7 | 92.0 | 94.7 | 96.5 | 96.9 | 97.5 | 97.8 | 98.1 | 98.3 | 98.3 |
| >= 600 | 68.7 | 92.1 | 94.8 | 96.5 | 97.0 | 97.6 | 98.0 | 98.3 | 98.5 | 98.5 |
| >= 500 | 68.7 | 92.2 | 94.9 | 96.7 | 97.2 | 97.8 | 98.5 | 99.1 | 99.3 | 99.3 |
| >= 400 | 68.7 | 92.3 | 95.0 | 97.0 | 97.5 | 98.2 | 99.5 | 99.8 | 99.8 | 99.8 |
| >= 300 | 68.7 | 92.4 | 95.1 | 97.1 | 97.6 | 98.2 | 99.1 | 99.8 | 100.0 | 100.0 |
| >= 200 | 68.7 | 92.4 | 95.1 | 97.1 | 97.6 | 98.2 | 99.1 | 99.8 | 100.0 | 100.0 |
| >= 100 | 68.7 | 92.4 | 95.1 | 97.1 | 97.6 | 98.2 | 99.1 | 99.8 | 100.0 | 100.0 |
| >= 0 | 68.7 | 92.4 | 95.1 | 97.1 | 97.6 | 98.2 | 99.1 | 99.8 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 48.0 | 64.3 | 66.3 | 67.3 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| >=2000 | 51.1 | 68.6 | 70.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| >=1800 | 51.3 | 68.9 | 70.9 | 71.9 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| >=1600 | 51.5 | 69.2 | 71.1 | 72.1 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| >=1400 | 52.6 | 70.8 | 72.7 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| >=1200 | 53.6 | 72.3 | 74.3 | 75.5 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| >=1000 | 54.6 | 73.9 | 75.9 | 77.0 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| >=900 | 54.9 | 74.7 | 76.7 | 77.9 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| >=800 | 55.6 | 76.5 | 78.6 | 79.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| >=700 | 56.6 | 77.9 | 80.0 | 81.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| >=600 | 57.5 | 79.0 | 81.3 | 82.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| >=500 | 58.9 | 81.0 | 83.5 | 84.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| >=450 | 59.3 | 82.0 | 84.5 | 85.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| >=400 | 59.6 | 82.6 | 85.1 | 86.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| >=350 | 60.2 | 83.6 | 86.2 | 87.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| >=300 | 60.6 | 84.6 | 87.1 | 88.9 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >=250 | 61.4 | 86.0 | 88.6 | 90.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=200 | 62.0 | 87.0 | 89.9 | 91.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| >=1800 | 62.3 | 87.5 | 90.4 | 92.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| >=1500 | 62.4 | 88.2 | 91.2 | 93.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| >=1200 | 62.6 | 89.1 | 92.1 | 94.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| >=1000 | 62.8 | 89.5 | 92.5 | 94.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| >=900 | 62.9 | 89.9 | 92.9 | 95.0 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| >=800 | 63.0 | 90.2 | 93.2 | 95.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| >=700 | 63.0 | 90.3 | 93.4 | 95.8 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| >=600 | 63.0 | 90.5 | 93.7 | 96.1 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| >=500 | 63.1 | 90.7 | 93.9 | 96.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >=400 | 63.2 | 90.9 | 94.1 | 96.6 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| >=300 | 63.2 | 90.9 | 94.2 | 96.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=200 | 63.2 | 90.9 | 94.2 | 96.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=100 | 63.2 | 90.9 | 94.2 | 96.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=0 | 63.2 | 90.9 | 94.2 | 96.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NO. OF OBS : 1301

2 - (CEILING VS VISIBILITY)

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1 |
| UNLIMIT | 43.1 | 65.1 | 67.7 | 69.4 | 70.2 | 70.3 | 70.6 | 70.7 | 70.7 | 70.7 |
| >=20000 | 44.9 | 68.0 | 70.7 | 72.4 | 73.3 | 73.7 | 73.7 | 73.8 | 73.8 | 73.9 |
| >=16000 | 45.2 | 68.5 | 71.1 | 72.8 | 73.7 | 73.8 | 74.2 | 74.3 | 74.3 | 74.3 |
| >=16000 | 45.2 | 68.6 | 71.2 | 72.9 | 73.8 | 73.9 | 74.3 | 74.3 | 74.4 | 74.4 |
| >=14000 | 46.2 | 70.0 | 72.7 | 74.4 | 75.3 | 75.4 | 75.8 | 75.9 | 76.0 | 76.0 |
| >=12000 | 47.4 | 72.0 | 74.7 | 76.5 | 77.4 | 77.5 | 77.9 | 78.0 | 78.0 | 78.0 |
| >=10000 | 48.2 | 73.3 | 75.9 | 77.7 | 78.6 | 78.7 | 79.1 | 79.2 | 79.3 | 79.3 |
| >=9000 | 48.8 | 74.5 | 77.7 | 79.0 | 80.0 | 80.1 | 80.5 | 80.6 | 80.6 | 80.6 |
| >=8000 | 49.7 | 75.8 | 78.6 | 80.4 | 81.4 | 81.5 | 81.9 | 82.0 | 82.0 | 82.0 |
| >=7000 | 50.3 | 76.7 | 79.6 | 81.6 | 82.6 | 82.6 | 83.0 | 83.1 | 83.2 | 83.2 |
| >=6000 | 50.7 | 77.4 | 80.5 | 82.4 | 83.4 | 83.5 | 83.9 | 83.9 | 84.0 | 84.0 |
| >=5000 | 51.5 | 78.6 | 81.8 | 83.9 | 84.9 | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 |
| >=4500 | 51.8 | 79.4 | 82.6 | 84.6 | 85.6 | 85.7 | 86.1 | 86.2 | 86.3 | 86.3 |
| >=4000 | 52.2 | 80.2 | 83.3 | 85.5 | 86.5 | 86.6 | 87.0 | 87.1 | 87.2 | 87.2 |
| >=3500 | 52.6 | 80.7 | 83.9 | 86.1 | 87.1 | 87.3 | 87.6 | 87.7 | 87.8 | 87.8 |
| >=3000 | 53.1 | 81.7 | 84.9 | 87.2 | 88.2 | 88.3 | 88.7 | 88.8 | 88.9 | 88.9 |
| >=2500 | 53.5 | 82.4 | 85.8 | 88.0 | 89.1 | 89.2 | 89.6 | 89.7 | 89.8 | 89.8 |
| >=2000 | 54.1 | 83.5 | 87.2 | 89.4 | 90.6 | 90.7 | 91.2 | 91.2 | 91.3 | 91.3 |
| >=1800 | 54.4 | 83.8 | 87.5 | 89.7 | 90.9 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 |
| >=1500 | 54.8 | 84.8 | 88.5 | 90.9 | 92.0 | 92.2 | 92.6 | 92.7 | 92.8 | 92.8 |
| >=1200 | 55.0 | 85.9 | 89.7 | 92.2 | 93.4 | 93.5 | 94.1 | 94.2 | 94.2 | 94.2 |
| >=1000 | 55.0 | 86.3 | 90.2 | 92.8 | 94.0 | 94.2 | 94.7 | 94.8 | 94.9 | 94.9 |
| >=900 | 55.0 | 86.6 | 90.5 | 93.2 | 94.4 | 94.5 | 95.1 | 95.2 | 95.3 | 95.3 |
| >=800 | 55.2 | 87.2 | 91.1 | 93.8 | 95.2 | 95.3 | 95.9 | 96.0 | 96.1 | 96.1 |
| >=700 | 55.3 | 87.4 | 91.3 | 94.1 | 95.5 | 95.6 | 96.2 | 96.3 | 96.4 | 96.4 |
| >=600 | 55.3 | 87.6 | 91.7 | 94.5 | 95.9 | 96.2 | 96.9 | 97.1 | 97.2 | 97.2 |
| >=500 | 55.4 | 87.9 | 92.2 | 95.0 | 96.6 | 96.9 | 97.8 | 97.9 | 98.1 | 98.1 |
| >=400 | 55.5 | 88.0 | 92.4 | 95.3 | 96.9 | 97.2 | 98.2 | 98.3 | 98.5 | 98.5 |
| >=300 | 55.5 | 88.0 | 92.4 | 95.5 | 97.2 | 97.6 | 98.7 | 98.9 | 99.1 | 99.1 |
| >=200 | 55.5 | 88.0 | 92.4 | 95.5 | 97.3 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 |
| >=100 | 55.5 | 88.0 | 92.4 | 95.5 | 97.3 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 |
| >= 0 | 55.5 | 88.0 | 92.4 | 95.5 | 97.3 | 97.7 | 98.8 | 99.1 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U1390 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : OCT
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | 1/4 |
| UNLIMIT | 41.2 | 57.3 | 59.8 | 61.3 | 62.4 | 62.5 | 63.0 | 63.2 | 63.4 | >=1/4 |
| >=20000 | 43.3 | 60.5 | 63.1 | 64.9 | 65.9 | 66.0 | 66.5 | 66.7 | 66.9 | 63.8 |
| >=18000 | 43.5 | 60.8 | 63.3 | 64.9 | 66.0 | 66.2 | 66.5 | 66.9 | 67.0 | 63.5 |
| >=16000 | 43.6 | 61.0 | 63.6 | 65.2 | 66.3 | 66.5 | 67.0 | 67.2 | 67.4 | 67.3 |
| >=14000 | 44.5 | 62.3 | 64.9 | 66.5 | 67.6 | 67.8 | 68.4 | 68.5 | 68.8 | 67.6 |
| >=12000 | 45.3 | 63.7 | 66.4 | 68.1 | 69.2 | 69.4 | 70.0 | 70.1 | 70.5 | 68.9 |
| >=10000 | 46.1 | 65.2 | 68.0 | 69.7 | 70.9 | 71.1 | 71.7 | 71.8 | 72.1 | 70.6 |
| >=9000 | 46.5 | 66.0 | 68.8 | 70.6 | 71.9 | 72.0 | 72.6 | 72.7 | 73.1 | 72.2 |
| >=8000 | 47.3 | 67.4 | 70.3 | 72.2 | 73.4 | 73.6 | 74.2 | 74.4 | 74.7 | 73.2 |
| >=7000 | 48.0 | 68.7 | 71.7 | 73.5 | 74.8 | 75.0 | 75.6 | 75.8 | 76.1 | 73.4 |
| >=6000 | 48.6 | 69.7 | 72.9 | 74.7 | 75.9 | 76.2 | 76.8 | 77.0 | 77.3 | 74.8 |
| >=5000 | 49.5 | 71.0 | 74.1 | 76.0 | 77.3 | 77.6 | 78.2 | 78.3 | 78.7 | 76.2 |
| >=4500 | 49.9 | 71.8 | 74.9 | 76.9 | 78.1 | 78.4 | 79.0 | 79.2 | 79.5 | 77.4 |
| >=4000 | 50.5 | 72.6 | 75.8 | 77.8 | 79.1 | 79.4 | 80.0 | 80.2 | 80.5 | 78.8 |
| >=3500 | 51.1 | 73.6 | 76.8 | 78.9 | 80.2 | 80.5 | 81.2 | 81.3 | 81.7 | 79.6 |
| >=3000 | 52.0 | 75.2 | 78.5 | 80.6 | 82.0 | 82.3 | 83.0 | 83.1 | 83.5 | 80.6 |
| >=2500 | 52.8 | 76.7 | 80.1 | 82.3 | 83.7 | 84.0 | 84.7 | 84.8 | 85.2 | 81.8 |
| >=2000 | 53.7 | 78.3 | 81.9 | 84.1 | 85.5 | 85.9 | 86.6 | 86.7 | 87.1 | 83.6 |
| >=1800 | 54.1 | 78.9 | 82.5 | 84.7 | 86.2 | 86.5 | 87.3 | 87.4 | 87.8 | 85.3 |
| >=1500 | 54.6 | 80.0 | 83.7 | 85.9 | 87.5 | 87.8 | 88.6 | 88.8 | 89.1 | 87.2 |
| >=1200 | 55.2 | 81.3 | 85.1 | 87.4 | 89.0 | 89.4 | 90.2 | 90.3 | 90.7 | 87.9 |
| >=1000 | 55.5 | 82.1 | 86.1 | 88.5 | 90.1 | 90.6 | 91.4 | 91.6 | 92.0 | 88.2 |
| >=900 | 55.6 | 82.6 | 86.6 | 89.1 | 90.8 | 91.2 | 92.1 | 92.3 | 92.5 | 88.2 |
| >=800 | 55.9 | 83.1 | 87.3 | 89.9 | 91.7 | 92.2 | 93.1 | 93.4 | 93.8 | 89.5 |
| >=700 | 55.9 | 83.5 | 87.8 | 90.4 | 92.4 | 92.9 | 93.8 | 94.1 | 94.5 | 90.9 |
| >=600 | 56.0 | 83.8 | 88.1 | 90.8 | 92.9 | 93.3 | 94.4 | 94.7 | 95.1 | 92.1 |
| >=500 | 56.1 | 84.1 | 88.6 | 91.4 | 93.5 | 94.1 | 95.2 | 95.7 | 96.2 | 92.4 |
| >=400 | 56.1 | 84.2 | 88.7 | 91.7 | 93.9 | 94.5 | 96.0 | 96.4 | 96.9 | 93.2 |
| >=300 | 56.1 | 84.2 | 88.8 | 91.9 | 94.2 | 94.8 | 96.5 | 97.0 | 97.6 | 94.2 |
| >=200 | 56.1 | 84.3 | 88.9 | 91.9 | 94.3 | 94.9 | 96.7 | 97.3 | 97.9 | 94.7 |
| >=100 | 56.1 | 84.3 | 88.9 | 91.9 | 94.3 | 94.9 | 96.7 | 97.3 | 98.0 | 95.3 |
| >=0 | 56.1 | 84.3 | 88.9 | 91.9 | 94.3 | 94.9 | 96.7 | 97.3 | 98.2 | 95.6 |
| | | | | | | | | | | 96.6 |
| | | | | | | | | | | 97.0 |
| | | | | | | | | | | 97.3 |
| | | | | | | | | | | 97.7 |
| | | | | | | | | | | 98.1 |
| | | | | | | | | | | 98.5 |
| | | | | | | | | | | 98.6 |
| | | | | | | | | | | 98.7 |
| | | | | | | | | | | 99.3 |
| | | | | | | | | | | 99.6 |
| | | | | | | | | | | 100.0 |

TOTAL NO. OF OBS : 10414

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | 0.1 | 4.8 | 3.9 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.2 | 6.4 |
| NNE | 1.3 | 4.1 | 3.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.3 | 7.0 |
| NE | 1.0 | 3.3 | 2.9 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 6.2 |
| ENE | .6 | 1.0 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.7 |
| E | .8 | .9 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 5.2 |
| ESE | .2 | .6 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 5.3 |
| SE | .6 | .5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.2 |
| SSE | .5 | .9 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 5.7 |
| S | 1.0 | 2.3 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 6.2 |
| SSW | .6 | 1.7 | 1.3 | 1.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.9 |
| SW | .8 | 1.7 | 1.6 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.2 |
| WSW | .5 | 2.2 | 2.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.9 |
| W | .8 | 1.5 | 3.1 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 7.7 |
| WNW | 1.0 | 1.5 | 2.4 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 7.7 |
| NW | .6 | 2.1 | 1.3 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 7.4 |
| NNW | 1.6 | 3.7 | 1.2 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 6.9 | 5.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| ALL | 13.9 | 32.9 | 27.5 | 9.5 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | 15.2 | 5.7 |

TOTAL NO. OF CES : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013820 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|-------|-----|--|--|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | | |
| N | 2.3 | 6.2 | 4.8 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.7 | 6.6 | | | | |
| NNE | 1.2 | 4.7 | 5.6 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.9 | 7.1 | | | | |
| NE | 1.3 | 2.4 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 6.1 | | | | |
| NNE | .4 | .7 | .4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.4 | | | | |
| E | .2 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.8 | | | | |
| ESE | .1 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.9 | | | | |
| SE | .3 | .2 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 7.1 | | | | |
| SSE | .3 | .4 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.1 | 6.5 | | | | |
| S | .6 | 1.9 | .5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 5.9 | | | | |
| SSW | .2 | 1.0 | 1.6 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 8.7 | | | | |
| SW | .6 | 1.8 | 2.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.0 | | | | |
| WSW | 1.0 | 2.6 | 2.1 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 6.5 | | | | |
| W | 1.0 | 2.8 | 3.5 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 7.6 | | | | |
| WNW | .9 | 1.6 | 2.3 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.0 | | | | |
| NW | 1.3 | 2.1 | 1.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 5.8 | | | | |
| NNW | 1.3 | 5.3 | 1.1 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 5.7 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.9 | .0 | | | | |
| ALL | 13.2 | 35.2 | 29.1 | 9.0 | .6 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.8 | | | | |

TOTAL NO. OF OBS : 1260

NOTES : PERCENT < .05
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | TOTAL | MEAN |
|------|------|------|------|-----|----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------------|
| | | | | | | | | | | | | | | | | % | WIND SPEED |
| N | 2.3 | 8.4 | 4.2 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 16.1 | 6.2 |
| NNE | 1.3 | 3.9 | 6.2 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.3 | 7.5 |
| NE | 1.0 | 2.6 | 2.6 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 6.3 |
| ENE | .6 | 1.3 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 5.7 |
| E | .5 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 4.9 |
| ESE | .5 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 4.9 |
| SE | .2 | .6 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 6.2 |
| SSE | .2 | .4 | .2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 9.3 |
| S | .5 | 1.4 | 1.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.4 |
| SSW | .4 | 1.3 | 1.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.1 |
| SW | .6 | 2.2 | 2.2 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 6.7 |
| WSW | .7 | 2.2 | 2.9 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 7.0 |
| W | 1.0 | 2.5 | 2.7 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 7.4 |
| WNW | 1.3 | 1.0 | 2.0 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.2 |
| NW | 1.2 | 2.1 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 5.8 |
| NNW | 1.3 | 4.3 | 1.9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 5.6 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.7 | .0 |
| ALL | 13.7 | 35.8 | 29.8 | 9.2 | .1 | .8 | | | | | | | | | | 100.0 | 6.0 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U1380C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MCNTH : NOV
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED | | | | | |
|--------|---------------|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|---------|-----------------|-------|-------|------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | | | 41-47 | 48-55 | >=56 | | |
| DIR. | N | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW | WSW | W | WNW | NW | NNW | VAR | CLM | ALL |
| | .7 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| | .7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| | .6 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| | .6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | .9 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | .2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | .2 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .2 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .1 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | .3 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | .3 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .2 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| | .3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| | .6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | .2 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | 1.0 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 | .6 |
| | .5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| | 7.5 | 23.4 | 39.4 | 23.9 | 3.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | | | | | | | | | | | | | |
| N | .5 | 2.9 | 5.5 | 2.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 11.7 | 8.7 |
| NNE | .2 | 1.8 | 4.8 | 1.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 8.4 |
| NE | .2 | 1.7 | 3.7 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.9 | 8.0 |
| ENE | .6 | 1.3 | 1.6 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 8.1 |
| E | .2 | 1.1 | 2.3 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 8.5 |
| ESE | .2 | 1.2 | 1.7 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 7.8 |
| SE | .0 | .7 | .8 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 9.7 |
| SSE | .3 | 1.0 | 1.3 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 8.5 |
| S | .2 | .4 | 1.7 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 10.3 |
| SSW | .3 | .9 | 1.7 | 1.9 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | 5.7 | 11.0 |
| SW | .2 | 1.4 | 2.5 | 2.2 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 6.8 | 10.2 |
| WSW | .5 | 1.1 | 3.0 | 3.5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 8.7 | 10.3 |
| W | .2 | 1.7 | 3.2 | 3.1 | 1.5 | .0 | .1 | .0 | .0 | .0 | .0 | 9.8 | 11.3 |
| WNW | .1 | 1.8 | 2.1 | 2.6 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 7.1 | 10.2 |
| NW | .2 | 1.4 | 1.6 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 9.1 |
| NNW | .2 | 1.0 | 2.3 | 1.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 9.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .0 |
| ALL | 4.1 | 21.3 | 39.9 | 28.8 | 4.8 | .3 | .1 | .0 | .0 | .0 | .0 | 100.0 | 9.4 |

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL % | MEAN WIND SPEED |
|----------------|-----|------|------|------|-----|----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | .4 | 2.3 | 4.8 | 2.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 8.6 |
| NNE | .4 | 1.3 | 2.7 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.1 |
| NE | .5 | 1.4 | 2.5 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 7.5 |
| ENE | .2 | 1.1 | 2.3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.4 |
| E | .2 | 1.3 | 2.7 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 8.4 |
| ESE | .2 | 1.6 | 3.9 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 8.3 |
| SE | .2 | 1.0 | 2.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 8.1 |
| SSE | .1 | .8 | 2.6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.0 |
| S | .2 | 1.3 | 3.9 | 2.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.9 | 9.3 |
| SSW | .3 | 1.0 | 3.1 | 2.8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 9.5 |
| SW | .6 | .7 | 2.4 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 8.3 |
| WSW | .2 | 1.1 | 3.3 | 1.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 9.6 |
| W | .2 | 1.3 | 3.3 | 2.9 | .6 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 10.9 |
| WNW | .2 | .8 | 2.5 | 1.9 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | 10.5 |
| NW | .0 | 1.3 | 2.6 | .7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 8.6 |
| NNW | .3 | .8 | 3.3 | 1.5 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .0 |
| ALL | 4.2 | 19.3 | 49.4 | 23.3 | 1.9 | .3 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.8 |

TOTAL NO. OF OBS : 1260

NOTES : PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN | |
|-------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|------|-------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | WIND | SPEED |
| N | .9 | 2.9 | 2.6 | 1.2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 7.6 | .0 | 7.0 | |
| NNE | .8 | 2.1 | 2.5 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | .0 | 7.1 | |
| NE | .6 | 2.9 | 2.9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | .0 | 6.8 | |
| ENE | 1.0 | 2.7 | 2.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | .0 | 5.9 | |
| E | 1.0 | 3.7 | 2.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | .0 | 5.8 | |
| ESE | 1.2 | 2.9 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | .0 | 5.0 | |
| SE | 1.3 | 2.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | .0 | 4.7 | |
| SSE | 1.4 | 1.7 | .7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.2 | .0 | 5.4 | |
| S | 1.2 | 6.3 | 3.4 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 11.8 | .0 | 6.3 | |
| SSW | .7 | 3.6 | 2.9 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | .0 | 6.8 | |
| SW | 1.0 | 1.6 | 1.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | .0 | 6.0 | |
| WSW | .3 | 2.0 | 2.0 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | .0 | 7.5 | |
| W | .6 | 1.9 | 2.3 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 5.8 | .0 | 7.9 | |
| WNW | .3 | 1.3 | 1.0 | .7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 3.7 | .0 | 8.5 | |
| NW | .2 | 1.0 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | .0 | 7.3 | |
| NNW | .8 | 2.4 | .9 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | .0 | 6.6 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | .0 | .0 | |
| ALL | 13.3 | 40.9 | 30.1 | 7.6 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | .0 | 6.1 | |

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIER

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MCNTH : NOV
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | 1.6 | 4.8 | 2.6 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 6.4 | |
| NNE | 1.0 | 4.0 | 2.6 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.2 | 6.9 | |
| NE | 1.0 | 3.7 | 2.5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 6.1 | |
| ENE | .9 | 2.0 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 5.8 | |
| E | .7 | 1.7 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 5.6 | |
| ESE | .7 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 4.8 | |
| SE | .2 | 1.0 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 6.6 | |
| SSE | .6 | 1.0 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.3 | |
| S | 1.2 | 3.3 | 2.1 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 6.6 | |
| SSW | .9 | 3.3 | 1.8 | .7 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.7 | |
| SW | 1.5 | 2.5 | 2.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 5.9 | |
| WSW | .8 | 2.1 | 1.8 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.3 | 6.9 | |
| W | .9 | 1.5 | 2.6 | 1.3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 8.1 | |
| WNW | .6 | 1.0 | 1.4 | 1.0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 4.4 | 9.1 | |
| NW | 1.2 | 1.7 | 1.1 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | 4.3 | 6.0 | |
| NNW | .8 | 2.4 | 1.0 | .3 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.1 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.1 | .0 | |
| ALL | 14.5 | 37.1 | 25.3 | 8.8 | .9 | .3 | .0 | .0 | .0 | .0 | .0 | 100.0 | 5.7 | |

TOTAL NO. OF OBS : 1260

NOTES : # = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----|--|--|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | 1.3 | 4.4 | 4.2 | 1.8 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 11.9 | 7.3 | | | | |
| NNE | .9 | 3.1 | 4.4 | 1.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 7.7 | | | | |
| NE | .8 | 2.6 | 3.0 | .8 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.0 | | | | |
| ENE | .6 | 1.5 | 1.5 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 6.7 | | | | |
| E | .5 | 1.4 | 1.3 | .5 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 6.9 | | | | |
| ESE | .4 | 1.3 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.6 | | | | |
| SE | .4 | .8 | .9 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 7.0 | | | | |
| SSE | .4 | .8 | .8 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 7.1 | | | | |
| S | .7 | 2.2 | 1.9 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 7.5 | | | | |
| SSW | .5 | 1.7 | 1.8 | 1.3 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | 5.5 | 8.4 | | | | |
| SW | .7 | 1.6 | 2.3 | .9 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 5.8 | 7.8 | | | | |
| WSW | .5 | 1.8 | 2.4 | 1.2 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 6.2 | 8.1 | | | | |
| W | .7 | 1.8 | 2.9 | 1.9 | .4 | .0* | .0 | .0 | .0 | .0 | .0 | 7.7 | 9.1 | | | | |
| WNW | .6 | 1.3 | 2.0 | 1.3 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 5.5 | 8.7 | | | | |
| NW | .7 | 1.6 | 1.6 | .7 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.3 | | | | |
| NNW | .9 | 2.7 | 1.8 | .8 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | 6.3 | 7.1 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | .0 | | | | |
| ALL | 10.5 | 30.7 | 33.8 | 15.0 | 1.9 | .2 | .0* | .0 | .0 | .0 | .0 | 100.0 | 7.0 | | | | |

TOTAL NO. OF OBS : 10079

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : NOV
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 38.7 | 56.3 | 58.7 | 60.9 | 61.9 | 62.0 | 62.5 | 62.9 | 62.9 | 63.9 | 64.2 | 64.2 | 64.7 | 64.9 | 65.5 | 65.9 |
| >=20000 | 39.8 | 58.1 | 60.6 | 62.9 | 64.0 | 64.1 | 64.7 | 65.0 | 65.0 | 66.0 | 66.3 | 66.3 | 66.8 | 67.1 | 67.6 | 68.0 |
| >=18000 | 40.0 | 58.4 | 61.0 | 63.2 | 64.4 | 64.4 | 65.0 | 65.3 | 65.3 | 66.3 | 66.7 | 66.7 | 67.1 | 67.4 | 67.9 | 68.3 |
| >=16000 | 40.2 | 58.6 | 61.1 | 63.3 | 64.5 | 64.6 | 65.2 | 65.5 | 65.5 | 66.5 | 66.8 | 66.8 | 67.3 | 67.5 | 68.1 | 68.5 |
| >=14000 | 40.9 | 59.4 | 62.0 | 64.4 | 65.6 | 65.7 | 66.3 | 66.6 | 66.6 | 67.6 | 67.9 | 67.9 | 68.4 | 68.7 | 69.2 | 69.6 |
| >=12000 | 42.0 | 61.1 | 63.7 | 66.2 | 67.4 | 67.5 | 68.0 | 68.3 | 68.3 | 69.4 | 69.7 | 69.7 | 70.2 | 70.4 | 71.0 | 71.3 |
| >=10000 | 42.8 | 62.4 | 65.0 | 67.5 | 68.8 | 68.9 | 69.4 | 69.8 | 69.8 | 70.8 | 71.1 | 71.1 | 71.6 | 71.8 | 72.4 | 72.8 |
| >=9000 | 43.0 | 63.0 | 65.7 | 68.3 | 69.5 | 69.6 | 70.2 | 70.5 | 70.5 | 71.5 | 71.8 | 71.8 | 72.3 | 72.5 | 73.1 | 73.5 |
| >=8000 | 43.5 | 64.0 | 66.7 | 69.2 | 70.6 | 70.6 | 71.2 | 71.5 | 71.5 | 72.5 | 72.9 | 72.9 | 73.3 | 73.6 | 74.1 | 74.5 |
| >=7000 | 44.3 | 65.6 | 68.5 | 71.0 | 72.4 | 72.5 | 73.0 | 73.3 | 73.3 | 74.4 | 74.7 | 74.7 | 75.2 | 75.5 | 76.0 | 76.4 |
| >=6000 | 45.0 | 66.8 | 69.8 | 72.5 | 73.8 | 73.9 | 74.4 | 74.8 | 74.8 | 75.9 | 76.3 | 76.3 | 76.8 | 77.1 | 77.6 | 78.0 |
| >=5000 | 45.9 | 68.9 | 71.9 | 74.6 | 76.0 | 76.1 | 76.7 | 77.0 | 77.0 | 78.2 | 78.6 | 78.6 | 79.1 | 79.4 | 79.9 | 80.3 |
| >=4500 | 46.5 | 70.2 | 73.2 | 75.9 | 77.4 | 77.5 | 78.1 | 78.4 | 78.4 | 79.6 | 80.0 | 80.0 | 80.6 | 80.8 | 81.3 | 81.7 |
| >=4000 | 47.1 | 71.3 | 74.4 | 77.1 | 78.7 | 78.9 | 79.4 | 79.8 | 79.8 | 81.0 | 81.3 | 81.3 | 81.9 | 82.1 | 82.7 | 83.1 |
| >=3500 | 47.4 | 71.7 | 74.9 | 77.6 | 79.3 | 79.4 | 80.0 | 80.3 | 80.3 | 81.5 | 81.9 | 81.9 | 82.5 | 82.7 | 83.3 | 83.7 |
| >=3000 | 47.6 | 72.8 | 76.0 | 78.9 | 80.6 | 80.8 | 81.3 | 81.7 | 81.7 | 82.9 | 83.3 | 83.3 | 83.8 | 84.0 | 84.7 | 85.1 |
| >=2500 | 47.9 | 73.7 | 77.0 | 79.8 | 81.6 | 81.8 | 82.4 | 82.8 | 82.8 | 84.0 | 84.4 | 84.4 | 84.9 | 85.2 | 85.8 | 86.2 |
| >=2000 | 48.3 | 74.5 | 77.9 | 80.9 | 82.6 | 82.9 | 83.4 | 83.8 | 83.8 | 85.0 | 85.4 | 85.4 | 86.0 | 86.2 | 86.8 | 87.2 |
| >=1800 | 48.7 | 74.8 | 78.3 | 81.2 | 82.9 | 83.2 | 83.7 | 84.1 | 84.1 | 85.3 | 85.7 | 85.7 | 86.3 | 86.5 | 87.1 | 87.5 |
| >=1500 | 48.9 | 75.2 | 78.7 | 81.7 | 83.5 | 83.8 | 84.4 | 84.8 | 84.8 | 86.0 | 86.3 | 86.3 | 86.9 | 87.1 | 87.8 | 88.2 |
| >=1200 | 49.8 | 76.8 | 80.5 | 83.5 | 85.4 | 85.7 | 86.3 | 86.7 | 86.7 | 88.0 | 88.4 | 88.4 | 89.0 | 89.2 | 89.8 | 90.2 |
| >=1000 | 50.2 | 77.7 | 81.3 | 84.4 | 86.3 | 86.7 | 87.3 | 87.8 | 87.8 | 89.0 | 89.4 | 89.4 | 90.0 | 90.2 | 90.9 | 91.3 |
| >=900 | 50.2 | 78.2 | 81.8 | 84.9 | 86.9 | 87.2 | 87.9 | 88.3 | 88.3 | 89.7 | 90.1 | 90.1 | 90.6 | 90.9 | 91.5 | 91.9 |
| >=800 | 50.4 | 78.3 | 82.1 | 85.2 | 87.2 | 87.5 | 88.3 | 88.7 | 88.7 | 90.1 | 90.5 | 90.5 | 91.0 | 91.3 | 91.9 | 92.3 |
| >=700 | 50.5 | 78.7 | 82.6 | 85.8 | 87.9 | 88.3 | 89.0 | 89.5 | 89.5 | 91.0 | 91.3 | 91.3 | 92.0 | 92.2 | 92.9 | 93.3 |
| >=600 | 50.5 | 78.9 | 82.9 | 86.1 | 88.3 | 88.7 | 89.5 | 90.1 | 90.1 | 91.5 | 91.9 | 91.9 | 92.5 | 92.8 | 93.4 | 93.8 |
| >=500 | 50.6 | 79.1 | 83.3 | 86.4 | 88.7 | 89.2 | 90.2 | 90.7 | 90.7 | 92.2 | 92.6 | 92.6 | 93.3 | 93.5 | 94.2 | 94.6 |
| >=400 | 50.6 | 79.3 | 83.5 | 87.1 | 89.5 | 90.1 | 91.1 | 91.7 | 91.7 | 93.2 | 93.6 | 93.6 | 94.3 | 94.5 | 95.3 | 95.7 |
| >=300 | 50.6 | 79.3 | 83.6 | 87.2 | 90.0 | 90.6 | 91.7 | 92.5 | 92.5 | 94.0 | 94.4 | 94.4 | 95.1 | 95.3 | 96.2 | 96.7 |
| >=200 | 50.6 | 79.4 | 83.7 | 87.3 | 90.2 | 90.8 | 92.1 | 93.3 | 93.3 | 95.0 | 95.4 | 95.4 | 96.2 | 96.4 | 97.5 | 98.2 |
| >=100 | 50.6 | 79.4 | 83.7 | 87.4 | 90.2 | 90.9 | 92.2 | 93.6 | 93.6 | 95.4 | 95.9 | 95.9 | 96.8 | 97.1 | 98.4 | 99.1 |
| >=0 | 50.6 | 79.4 | 83.7 | 87.4 | 90.2 | 90.9 | 92.2 | 93.6 | 93.6 | 95.4 | 96.0 | 96.0 | 96.9 | 97.2 | 98.7 | 100.0 |

TOTAL NO. OF CBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 |
| UNLIMIT | 34.6 | 53.3 | 55.5 | 57.9 | 59.0 | 59.3 | 59.8 | 60.0 | 60.2 | 60.5 |
| >=20000 | 35.6 | 54.7 | 56.9 | 59.4 | 60.6 | 60.8 | 61.3 | 61.5 | 61.7 | 62.1 |
| >=18000 | 35.6 | 54.8 | 57.1 | 59.6 | 60.7 | 61.0 | 61.4 | 61.7 | 61.8 | 62.2 |
| >=16000 | 35.6 | 54.9 | 57.1 | 59.7 | 60.7 | 61.0 | 61.5 | 61.7 | 61.9 | 62.3 |
| >=14000 | 36.4 | 55.9 | 58.1 | 60.7 | 61.9 | 62.1 | 62.6 | 62.9 | 63.0 | 63.5 |
| >=12000 | 37.5 | 57.5 | 59.9 | 62.5 | 63.7 | 64.0 | 64.4 | 64.7 | 64.8 | 65.3 |
| >=10000 | 38.3 | 58.9 | 61.3 | 64.0 | 65.2 | 65.4 | 65.9 | 66.1 | 66.3 | 66.7 |
| >=9000 | 38.8 | 59.8 | 62.1 | 64.9 | 66.2 | 66.4 | 66.9 | 67.1 | 67.3 | 67.8 |
| >=8000 | 39.0 | 60.3 | 62.8 | 65.6 | 66.8 | 67.1 | 67.5 | 67.9 | 68.0 | 68.5 |
| >=7000 | 39.8 | 62.1 | 64.6 | 67.5 | 68.8 | 69.0 | 69.7 | 70.0 | 70.2 | 70.6 |
| >=6000 | 40.4 | 63.3 | 65.7 | 68.6 | 69.9 | 70.2 | 70.8 | 71.1 | 71.3 | 71.7 |
| >=5000 | 41.3 | 65.3 | 67.9 | 71.0 | 72.5 | 72.8 | 73.4 | 73.7 | 73.9 | 74.4 |
| >=4500 | 41.5 | 66.2 | 68.8 | 71.8 | 73.6 | 73.9 | 74.5 | 74.8 | 75.0 | 75.5 |
| >=4000 | 42.1 | 67.6 | 70.3 | 73.5 | 75.2 | 75.6 | 76.3 | 76.6 | 76.7 | 77.2 |
| >=3500 | 42.6 | 68.7 | 71.4 | 74.6 | 76.3 | 76.7 | 77.4 | 77.7 | 77.9 | 78.3 |
| >=3000 | 42.9 | 69.7 | 72.6 | 75.9 | 77.8 | 78.1 | 78.8 | 79.1 | 79.3 | 79.8 |
| >=2500 | 43.3 | 70.4 | 73.5 | 76.9 | 78.8 | 79.1 | 79.8 | 80.2 | 80.3 | 80.9 |
| >=2000 | 43.7 | 71.1 | 74.2 | 77.6 | 79.6 | 79.9 | 80.6 | 81.0 | 81.1 | 81.7 |
| >=1800 | 43.8 | 71.3 | 74.4 | 77.9 | 79.8 | 80.2 | 80.9 | 81.2 | 81.3 | 81.9 |
| >=1500 | 44.1 | 72.1 | 75.2 | 78.7 | 80.7 | 81.0 | 81.7 | 82.1 | 82.3 | 82.9 |
| >=1200 | 44.0 | 73.1 | 76.4 | 80.0 | 82.1 | 82.5 | 83.2 | 83.7 | 83.8 | 84.4 |
| >=1000 | 45.0 | 73.8 | 77.2 | 81.0 | 83.1 | 83.4 | 84.1 | 84.6 | 84.8 | 85.3 |
| >=900 | 45.6 | 74.4 | 77.9 | 81.7 | 83.9 | 84.2 | 84.9 | 85.4 | 85.6 | 86.1 |
| >=800 | 45.6 | 74.8 | 78.5 | 82.5 | 84.8 | 85.1 | 85.8 | 86.3 | 86.5 | 87.1 |
| >=700 | 45.6 | 75.2 | 79.0 | 83.2 | 85.4 | 85.7 | 86.4 | 87.0 | 87.1 | 87.7 |
| >=600 | 45.7 | 75.6 | 79.5 | 83.7 | 86.0 | 86.3 | 87.1 | 87.7 | 87.9 | 88.4 |
| >=500 | 45.7 | 75.7 | 79.8 | 84.3 | 86.7 | 87.0 | 87.9 | 88.6 | 88.7 | 89.3 |
| >=400 | 45.7 | 75.7 | 80.0 | 84.8 | 87.2 | 87.6 | 88.9 | 89.6 | 89.8 | 90.3 |
| >=300 | 45.7 | 75.8 | 80.4 | 85.6 | 88.3 | 88.9 | 90.3 | 91.2 | 91.3 | 92.3 |
| >=200 | 45.7 | 75.9 | 80.5 | 85.7 | 88.4 | 89.0 | 90.7 | 91.6 | 91.8 | 92.7 |
| >=100 | 45.7 | 75.9 | 80.6 | 85.8 | 88.6 | 89.2 | 90.9 | 91.8 | 92.1 | 92.9 |
| >=0 | 45.7 | 75.9 | 80.6 | 85.8 | 88.6 | 89.2 | 90.9 | 91.8 | 92.1 | 92.9 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : NOV
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 |
| UNLIMIT | 31.4 | 46.9 | 50.0 | 52.1 | 54.0 | 54.2 | 55.5 | 55.8 | 56.3 | 56.4 |
| >=20000 | 32.8 | 49.3 | 52.6 | 55.0 | 57.0 | 57.2 | 58.7 | 59.0 | 59.6 | 59.7 |
| >=18000 | 33.0 | 49.6 | 52.9 | 55.3 | 57.3 | 57.5 | 59.0 | 59.4 | 59.9 | 60.0 |
| >=16000 | 33.3 | 49.9 | 53.3 | 55.7 | 57.7 | 57.9 | 59.4 | 59.8 | 60.3 | 60.4 |
| >=14000 | 34.2 | 51.1 | 54.5 | 57.0 | 59.0 | 59.3 | 60.7 | 61.1 | 61.7 | 61.8 |
| >=12000 | 34.8 | 52.5 | 56.0 | 58.6 | 60.8 | 61.0 | 62.5 | 62.9 | 63.5 | 63.6 |
| >=10000 | 35.0 | 53.1 | 56.7 | 59.2 | 61.4 | 61.7 | 63.2 | 63.7 | 64.3 | 64.4 |
| >=9000 | 35.4 | 54.1 | 57.9 | 60.5 | 62.7 | 62.9 | 64.5 | 65.0 | 65.6 | 65.7 |
| >=8000 | 36.0 | 55.3 | 59.1 | 61.9 | 64.1 | 64.4 | 66.0 | 66.5 | 67.1 | 67.1 |
| >=7000 | 36.7 | 57.1 | 61.0 | 64.0 | 66.3 | 66.5 | 68.1 | 68.6 | 69.2 | 69.3 |
| >=6000 | 37.3 | 58.6 | 62.5 | 65.5 | 67.9 | 68.1 | 69.6 | 70.2 | 70.9 | 71.0 |
| >=5000 | 38.0 | 59.9 | 64.1 | 67.2 | 69.8 | 70.1 | 71.8 | 72.4 | 73.0 | 73.1 |
| >=4500 | 38.5 | 60.8 | 65.0 | 68.3 | 71.0 | 71.2 | 72.9 | 73.5 | 74.1 | 74.2 |
| >=4000 | 38.9 | 61.8 | 66.3 | 69.5 | 72.4 | 72.6 | 74.4 | 75.0 | 75.6 | 75.6 |
| >=3500 | 39.5 | 62.6 | 67.1 | 70.5 | 73.3 | 73.6 | 75.4 | 76.0 | 76.6 | 76.7 |
| >=3000 | 39.9 | 63.3 | 67.9 | 71.3 | 74.4 | 74.6 | 76.4 | 77.0 | 77.7 | 77.8 |
| >=2500 | 40.5 | 64.2 | 69.0 | 72.7 | 75.7 | 76.0 | 77.9 | 78.3 | 79.0 | 79.1 |
| >=2000 | 40.6 | 64.7 | 69.6 | 73.3 | 76.4 | 76.7 | 78.6 | 79.1 | 79.8 | 79.9 |
| >=1800 | 40.7 | 64.8 | 69.8 | 73.5 | 76.7 | 76.9 | 78.8 | 79.4 | 80.1 | 80.2 |
| >=1500 | 41.0 | 65.4 | 70.4 | 74.3 | 77.5 | 77.7 | 79.6 | 80.2 | 80.9 | 81.0 |
| >=1200 | 41.5 | 66.4 | 71.4 | 75.3 | 78.5 | 78.7 | 80.6 | 81.2 | 81.9 | 82.0 |
| >=1000 | 42.0 | 67.3 | 72.3 | 76.2 | 79.4 | 79.6 | 81.6 | 82.2 | 82.9 | 83.0 |
| >=900 | 42.2 | 67.8 | 72.9 | 76.9 | 80.1 | 80.3 | 82.3 | 82.9 | 83.7 | 83.7 |
| >=800 | 42.6 | 69.1 | 74.3 | 78.5 | 81.7 | 81.9 | 84.0 | 84.6 | 85.3 | 85.4 |
| >=700 | 42.8 | 70.1 | 75.2 | 79.4 | 82.7 | 82.9 | 85.1 | 85.7 | 86.4 | 86.5 |
| >=600 | 43.1 | 70.5 | 75.8 | 80.1 | 83.3 | 83.7 | 86.1 | 86.8 | 87.6 | 87.7 |
| >=500 | 43.1 | 70.5 | 76.1 | 80.5 | 83.8 | 84.1 | 86.5 | 87.2 | 88.0 | 88.6 |
| >=400 | 43.1 | 70.6 | 76.3 | 80.7 | 84.4 | 84.7 | 87.7 | 88.5 | 89.5 | 89.6 |
| >=300 | 43.1 | 70.7 | 76.6 | 81.0 | 84.9 | 85.3 | 88.6 | 89.4 | 90.7 | 91.0 |
| >=200 | 43.1 | 70.7 | 76.6 | 81.0 | 85.0 | 85.4 | 89.0 | 90.6 | 92.2 | 92.4 |
| >=100 | 43.1 | 70.7 | 76.6 | 81.0 | 85.0 | 85.4 | 89.0 | 90.6 | 92.2 | 92.6 |
| >=0 | 43.1 | 70.7 | 76.6 | 81.0 | 85.0 | 85.4 | 89.0 | 90.6 | 92.2 | 92.6 |

TOTAL NO. OF CES : 1260

C - CEILING VS VISIBILITY

W13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
| UNLIMIT | 44.0 | 57.8 | 59.0 | 59.3 | 60.4 | 60.5 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| >=20000 | 47.1 | 61.9 | 63.2 | 63.6 | 64.8 | 64.9 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| >=18000 | 47.4 | 62.3 | 63.6 | 64.0 | 65.2 | 65.3 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| >=16000 | 47.5 | 62.5 | 63.7 | 64.1 | 65.4 | 65.5 | 65.8 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=14000 | 48.2 | 63.3 | 64.8 | 65.2 | 66.6 | 66.7 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| >=12000 | 49.2 | 64.8 | 66.3 | 66.9 | 68.3 | 68.4 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| >=10000 | 50.0 | 66.6 | 68.6 | 69.1 | 70.6 | 70.7 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| >=9000 | 50.2 | 67.6 | 69.4 | 70.0 | 71.4 | 71.6 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| >=8000 | 50.9 | 68.8 | 70.7 | 71.3 | 72.8 | 72.9 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=7000 | 51.7 | 70.0 | 72.0 | 72.6 | 74.0 | 74.2 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| >=6000 | 52.7 | 71.5 | 73.6 | 74.2 | 75.7 | 75.9 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| >=5000 | 53.3 | 72.6 | 74.7 | 75.3 | 76.9 | 77.1 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| >=4500 | 53.8 | 73.3 | 75.4 | 76.2 | 77.9 | 78.1 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| >=4000 | 54.0 | 73.7 | 75.9 | 76.7 | 78.4 | 78.7 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| >=3500 | 54.7 | 74.8 | 77.1 | 78.1 | 79.8 | 80.1 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| >=3000 | 55.4 | 76.0 | 78.3 | 79.4 | 81.3 | 81.7 | 82.4 | 82.5 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| >=2500 | 55.7 | 76.7 | 79.0 | 80.2 | 82.2 | 82.5 | 83.3 | 83.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| >=2000 | 56.4 | 77.9 | 80.3 | 81.5 | 83.6 | 83.9 | 84.7 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| >=1800 | 56.6 | 78.3 | 80.7 | 81.9 | 84.0 | 84.3 | 85.1 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| >=1500 | 57.0 | 79.0 | 81.5 | 82.7 | 84.9 | 85.2 | 86.1 | 86.2 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| >=1200 | 57.9 | 80.6 | 83.2 | 84.4 | 86.7 | 87.0 | 87.9 | 88.0 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| >=1000 | 58.3 | 81.7 | 84.2 | 85.4 | 87.9 | 88.3 | 89.2 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| >=900 | 58.4 | 82.4 | 84.9 | 86.2 | 88.7 | 89.1 | 90.2 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| >=800 | 58.5 | 83.3 | 86.0 | 87.3 | 90.1 | 90.6 | 91.6 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| >=700 | 58.6 | 83.7 | 86.6 | 87.9 | 91.0 | 91.5 | 92.6 | 92.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| >=600 | 58.7 | 84.0 | 87.0 | 88.5 | 92.1 | 92.7 | 94.0 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| >=500 | 58.7 | 84.2 | 87.1 | 88.9 | 92.7 | 93.3 | 94.9 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| >=400 | 58.7 | 84.3 | 87.4 | 89.2 | 93.2 | 94.0 | 95.8 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| >=300 | 58.7 | 84.3 | 87.4 | 89.4 | 93.5 | 94.4 | 96.6 | 97.5 | 97.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| >=200 | 58.7 | 84.3 | 87.4 | 89.4 | 93.5 | 94.4 | 96.8 | 98.1 | 98.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| >=100 | 58.7 | 84.3 | 87.4 | 89.4 | 93.5 | 94.4 | 96.8 | 98.1 | 98.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=0 | 58.7 | 84.3 | 87.4 | 89.4 | 93.5 | 94.4 | 96.8 | 98.1 | 98.3 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1260

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=1/4 |
| UNLIMIT | 49.4 | 59.2 | 59.8 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| >=20000 | 53.6 | 64.6 | 65.2 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| >=18000 | 53.7 | 64.8 | 65.3 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| >=16000 | 53.9 | 65.0 | 65.6 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >=14000 | 54.9 | 66.4 | 67.1 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| >=12000 | 56.4 | 68.5 | 69.1 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=10000 | 57.8 | 70.2 | 70.9 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| >= 9000 | 58.6 | 71.3 | 72.1 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| >= 8000 | 59.1 | 72.5 | 73.3 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| >= 7000 | 59.8 | 73.6 | 74.4 | 74.8 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| >= 6000 | 60.5 | 74.5 | 75.3 | 75.8 | 76.0 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| >= 5000 | 61.5 | 76.1 | 76.9 | 77.4 | 77.6 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >= 4500 | 62.4 | 77.2 | 78.1 | 78.6 | 78.9 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| >= 4000 | 63.0 | 78.3 | 79.1 | 79.6 | 79.9 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| >= 3500 | 63.7 | 79.3 | 80.2 | 80.6 | 81.0 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| >= 3000 | 64.9 | 81.2 | 82.4 | 82.9 | 83.3 | 83.5 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| >= 2500 | 66.7 | 84.0 | 85.5 | 86.0 | 86.5 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >= 2000 | 68.0 | 86.0 | 87.4 | 87.9 | 88.4 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| >= 1900 | 68.4 | 86.7 | 88.1 | 88.7 | 89.1 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| >= 1500 | 69.4 | 88.2 | 89.6 | 90.2 | 90.9 | 91.2 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >= 1200 | 69.8 | 89.4 | 90.9 | 91.6 | 92.2 | 92.5 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| >= 1000 | 70.2 | 90.3 | 91.9 | 92.7 | 93.5 | 93.9 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| >= 900 | 70.2 | 90.6 | 92.2 | 93.3 | 94.0 | 94.5 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| >= 800 | 70.2 | 91.3 | 93.0 | 94.0 | 94.8 | 95.3 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| >= 700 | 70.2 | 91.5 | 93.2 | 94.4 | 95.3 | 95.8 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| >= 600 | 70.3 | 91.7 | 93.5 | 94.8 | 95.0 | 96.4 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| >= 500 | 70.4 | 91.8 | 93.7 | 95.2 | 96.6 | 97.1 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| >= 400 | 70.4 | 91.8 | 93.7 | 95.3 | 96.8 | 97.5 | 98.7 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| >= 300 | 70.4 | 91.8 | 93.7 | 95.3 | 97.2 | 97.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 200 | 70.4 | 91.8 | 93.7 | 95.3 | 97.2 | 97.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 100 | 70.4 | 91.8 | 93.7 | 95.3 | 97.2 | 97.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >= 0 | 70.4 | 91.8 | 93.7 | 95.3 | 97.2 | 97.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |

TOTAL NO. OF OBS : 1260

CEILING AND VISIBILITY

U13850 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|---------|---------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 |
| UNLIMIT | 50.8 | 61.2 | 62.1 | 62.2 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 |
| >=20000 | 54.8 | 66.3 | 67.2 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 |
| >=18000 | 54.8 | 66.3 | 67.2 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 |
| >=16000 | 55.3 | 66.9 | 67.8 | 67.9 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 |
| >=14000 | 56.4 | 68.2 | 69.0 | 69.2 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 |
| >=12000 | 58.2 | 70.6 | 71.4 | 71.6 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| >=10000 | 59.1 | 72.4 | 73.3 | 73.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| >= 8000 | 59.9 | 73.3 | 74.3 | 74.4 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 |
| >= 7000 | 61.6 | 76.2 | 77.1 | 77.4 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| >= 6000 | 62.6 | 77.9 | 78.9 | 79.1 | 79.5 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 |
| >= 5000 | 63.4 | 79.6 | 80.6 | 80.9 | 81.4 | 81.5 | 82.0 | 82.0 | 82.1 | 82.1 |
| >= 4500 | 64.4 | 81.3 | 82.4 | 82.7 | 83.3 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 |
| >= 4000 | 65.2 | 82.4 | 83.5 | 83.9 | 84.4 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 |
| >= 3500 | 66.2 | 83.8 | 84.9 | 85.3 | 86.0 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 |
| >= 3000 | 67.0 | 85.1 | 86.3 | 86.7 | 87.3 | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 |
| >= 2500 | 67.9 | 86.4 | 87.7 | 88.0 | 89.0 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 |
| >= 2000 | 68.7 | 87.7 | 89.0 | 89.6 | 90.4 | 90.5 | 91.1 | 91.1 | 91.2 | 91.2 |
| >= 1800 | 69.0 | 88.3 | 89.7 | 90.4 | 91.2 | 91.3 | 92.0 | 92.0 | 92.1 | 92.1 |
| >= 1500 | 69.3 | 89.0 | 90.6 | 91.3 | 92.1 | 92.2 | 93.0 | 93.0 | 93.1 | 93.1 |
| >= 1200 | 69.5 | 89.9 | 91.5 | 92.3 | 93.1 | 93.3 | 94.1 | 94.1 | 94.2 | 94.2 |
| >= 1000 | 69.6 | 90.4 | 92.1 | 92.9 | 93.8 | 94.1 | 94.9 | 95.0 | 95.1 | 95.1 |
| >= 900 | 69.7 | 90.6 | 92.4 | 93.2 | 94.2 | 94.6 | 95.4 | 95.5 | 95.6 | 95.6 |
| >= 800 | 69.8 | 90.8 | 92.6 | 93.6 | 94.6 | 95.1 | 96.1 | 96.2 | 96.3 | 96.3 |
| >= 700 | 69.8 | 90.8 | 92.7 | 93.7 | 94.8 | 95.3 | 96.6 | 96.7 | 96.7 | 96.7 |
| >= 600 | 69.8 | 90.8 | 92.9 | 94.0 | 95.5 | 96.0 | 97.1 | 97.6 | 97.7 | 97.7 |
| >= 500 | 69.8 | 91.1 | 93.3 | 94.4 | 95.1 | 96.7 | 98.1 | 98.3 | 98.3 | 98.3 |
| >= 400 | 69.8 | 91.3 | 93.4 | 94.5 | 96.3 | 96.9 | 98.6 | 98.7 | 98.9 | 98.9 |
| >= 300 | 69.8 | 91.3 | 93.4 | 94.5 | 96.4 | 97.1 | 98.7 | 99.3 | 99.4 | 99.4 |
| >= 200 | 69.8 | 91.3 | 93.5 | 94.6 | 96.6 | 97.2 | 98.5 | 99.7 | 99.8 | 99.8 |
| >= 100 | 69.8 | 91.3 | 93.5 | 94.6 | 96.6 | 97.2 | 98.6 | 99.7 | 99.8 | 99.8 |
| >= 0 | 69.8 | 91.3 | 93.5 | 94.6 | 96.6 | 97.2 | 98.6 | 99.7 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : NOV
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 48.5 | 64.0 | 64.9 | 65.8 | 66.3 | 66.3 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| >=20000 | 51.0 | 67.2 | 68.4 | 69.3 | 69.8 | 69.8 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| >=18000 | 51.1 | 67.4 | 68.6 | 69.4 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| >=16000 | 51.3 | 67.7 | 68.9 | 69.8 | 70.3 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| >=14000 | 52.0 | 68.4 | 69.7 | 70.6 | 71.3 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| >=12000 | 53.4 | 70.2 | 71.6 | 72.5 | 73.3 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| >=10000 | 54.0 | 71.7 | 73.2 | 74.1 | 74.9 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| >=9000 | 54.4 | 72.3 | 73.8 | 74.8 | 75.6 | 75.6 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| >=8000 | 55.8 | 74.4 | 76.0 | 77.0 | 77.9 | 77.9 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| >=7000 | 56.6 | 75.9 | 77.6 | 78.6 | 79.4 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| >=6000 | 57.5 | 77.2 | 79.3 | 80.2 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| >=5000 | 59.5 | 78.8 | 80.9 | 81.8 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| >=4500 | 59.3 | 80.3 | 82.5 | 83.4 | 84.4 | 84.4 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| >=4000 | 59.8 | 81.3 | 83.5 | 84.4 | 85.4 | 85.4 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| >=3500 | 60.6 | 82.4 | 84.7 | 85.6 | 86.6 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >=3000 | 61.6 | 84.0 | 86.4 | 87.4 | 88.3 | 88.4 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| >=2500 | 62.1 | 84.8 | 87.5 | 88.7 | 89.8 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| >=2000 | 62.5 | 85.9 | 88.6 | 89.8 | 91.0 | 91.1 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| >=1800 | 62.6 | 86.1 | 88.8 | 90.0 | 91.3 | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| >=1500 | 62.9 | 86.7 | 89.6 | 90.9 | 92.1 | 92.3 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| >=1200 | 63.3 | 87.8 | 90.8 | 92.1 | 93.5 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| >=1000 | 63.3 | 88.0 | 91.1 | 92.4 | 93.9 | 94.0 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| >=900 | 63.3 | 88.0 | 91.2 | 92.6 | 94.1 | 94.4 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=800 | 63.4 | 88.3 | 91.6 | 93.0 | 94.6 | 94.9 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| >=700 | 63.5 | 88.5 | 91.8 | 93.3 | 94.8 | 95.2 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| >=600 | 63.5 | 88.7 | 92.1 | 93.6 | 95.2 | 95.6 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| >=500 | 63.6 | 88.8 | 92.3 | 93.8 | 95.6 | 95.9 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| >=400 | 63.6 | 89.0 | 92.6 | 94.2 | 96.1 | 96.5 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| >=300 | 63.6 | 89.2 | 92.9 | 94.5 | 96.6 | 97.0 | 98.0 | 98.6 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| >=200 | 63.6 | 89.2 | 92.9 | 94.6 | 96.7 | 97.1 | 98.2 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| >=100 | 63.6 | 89.2 | 92.9 | 94.6 | 96.7 | 97.1 | 98.2 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 63.6 | 89.2 | 92.9 | 94.6 | 96.7 | 97.1 | 98.2 | 98.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 | |
| UNLIMIT | 43.7 | 61.6 | 63.8 | 65.2 | 66.4 | 66.4 | 66.6 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.6 | 67.6 | 67.6 |
| >=20000 | 45.4 | 64.1 | 66.5 | 67.9 | 69.2 | 69.2 | 69.4 | 69.9 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 |
| >=18000 | 45.6 | 64.4 | 66.8 | 68.3 | 69.5 | 69.5 | 69.7 | 70.2 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.7 | 70.7 | 70.7 |
| >=16000 | 45.6 | 64.5 | 66.9 | 68.3 | 69.6 | 69.6 | 69.8 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 | 70.5 | 70.8 | 70.8 | 70.8 |
| >=14000 | 46.7 | 65.8 | 68.2 | 69.8 | 71.0 | 71.0 | 71.2 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 |
| >=12000 | 47.5 | 67.1 | 69.6 | 71.2 | 72.5 | 72.5 | 72.7 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.8 | 73.8 | 73.8 |
| >=10000 | 47.9 | 68.3 | 71.0 | 72.5 | 74.0 | 74.0 | 74.2 | 74.8 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.3 | 75.3 | 75.3 |
| >=8000 | 48.4 | 69.0 | 71.7 | 73.3 | 74.8 | 74.8 | 75.1 | 75.6 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9 | 76.2 | 76.2 | 76.2 |
| >=6000 | 49.0 | 70.2 | 73.0 | 74.7 | 76.2 | 76.2 | 76.4 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.5 | 77.5 | 77.5 |
| >=4000 | 50.1 | 72.0 | 74.9 | 76.7 | 78.2 | 78.2 | 78.4 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.5 | 79.5 | 79.5 |
| >=3000 | 50.8 | 74.0 | 77.0 | 78.8 | 80.3 | 80.3 | 80.6 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.7 | 81.7 | 81.7 |
| >=2500 | 51.7 | 75.3 | 78.4 | 80.2 | 81.7 | 81.7 | 82.0 | 82.5 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 83.3 | 83.3 | 83.3 |
| >=2000 | 52.1 | 76.1 | 79.2 | 81.0 | 82.5 | 82.5 | 82.8 | 83.3 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 84.0 | 84.0 | 84.0 |
| >=1800 | 52.6 | 77.5 | 80.6 | 82.6 | 84.1 | 84.1 | 84.4 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.6 | 85.6 | 85.6 |
| >=1600 | 53.1 | 78.3 | 81.5 | 83.5 | 85.0 | 85.0 | 85.2 | 85.8 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.5 | 86.5 | 86.5 |
| >=1400 | 53.8 | 79.5 | 82.9 | 84.8 | 86.5 | 86.5 | 86.7 | 87.3 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 |
| >=1200 | 54.4 | 80.7 | 84.1 | 86.1 | 87.9 | 87.9 | 88.2 | 88.7 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.4 | 89.4 | 89.4 |
| >=1000 | 54.9 | 81.6 | 85.1 | 87.1 | 88.9 | 88.9 | 89.1 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.1 | 90.4 | 90.4 | 90.4 |
| >=800 | 55.2 | 82.1 | 85.6 | 87.6 | 89.4 | 89.4 | 89.7 | 90.2 | 90.2 | 90.4 | 90.6 | 90.6 | 90.6 | 91.0 | 91.0 | 91.0 |
| >=600 | 55.4 | 82.8 | 86.6 | 88.6 | 90.4 | 90.4 | 90.6 | 91.2 | 91.2 | 91.3 | 91.5 | 91.6 | 91.6 | 91.9 | 91.9 | 91.9 |
| >=400 | 55.6 | 83.3 | 87.2 | 89.3 | 91.2 | 91.2 | 91.5 | 92.1 | 92.1 | 92.2 | 92.4 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 |
| >=300 | 55.6 | 83.6 | 87.5 | 89.8 | 91.7 | 91.7 | 92.0 | 92.5 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 | 93.3 | 93.3 | 93.3 |
| >=200 | 55.6 | 83.8 | 87.8 | 90.0 | 92.1 | 92.1 | 92.4 | 92.9 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 |
| >=100 | 55.6 | 84.1 | 88.2 | 90.4 | 92.5 | 92.5 | 92.9 | 93.4 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 |
| >=0 | 55.6 | 84.2 | 88.3 | 90.6 | 92.7 | 92.7 | 93.0 | 93.7 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 |
| | 55.6 | 84.6 | 88.7 | 91.0 | 93.3 | 93.3 | 93.7 | 94.3 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 95.3 | 95.3 | 95.3 |
| | 55.6 | 85.0 | 89.1 | 91.5 | 93.7 | 93.7 | 94.1 | 94.8 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.9 | 95.9 | 95.9 |
| | 55.6 | 85.2 | 89.4 | 92.0 | 94.3 | 94.3 | 94.8 | 95.6 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.8 | 96.8 | 96.8 |
| | 55.6 | 85.2 | 89.5 | 92.1 | 94.8 | 94.8 | 95.0 | 96.7 | 97.2 | 97.5 | 97.5 | 97.6 | 97.6 | 98.2 | 98.2 | 98.2 |
| | 55.6 | 85.2 | 89.5 | 92.1 | 94.9 | 94.9 | 95.2 | 96.1 | 97.3 | 97.5 | 97.5 | 97.6 | 97.6 | 98.3 | 98.3 | 98.3 |
| | 55.6 | 85.2 | 89.5 | 92.1 | 94.9 | 94.9 | 95.2 | 96.1 | 97.4 | 98.5 | 98.5 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 |
| | 55.6 | 85.2 | 89.5 | 92.1 | 94.9 | 94.9 | 95.2 | 96.1 | 97.4 | 98.5 | 98.5 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 |
| | 55.6 | 85.2 | 89.5 | 92.1 | 94.9 | 94.9 | 95.2 | 96.1 | 97.4 | 98.5 | 98.5 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 |

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 |
| UNLIMIT | 42.6 | 57.5 | 59.2 | 60.4 | 61.3 | 61.4 | 61.8 | 62.0 | 62.0 | 62.3 |
| >=20000 | 45.0 | 60.8 | 62.6 | 63.9 | 64.8 | 64.9 | 65.3 | 65.5 | 65.5 | 65.8 |
| >=18000 | 45.2 | 61.0 | 62.8 | 64.1 | 65.0 | 65.1 | 65.5 | 65.7 | 65.8 | 66.0 |
| >=16000 | 45.3 | 61.2 | 63.1 | 64.3 | 65.3 | 65.4 | 65.8 | 66.0 | 66.0 | 66.3 |
| >=14000 | 46.2 | 62.3 | 64.2 | 65.5 | 66.5 | 66.6 | 67.0 | 67.3 | 67.3 | 67.6 |
| >=12000 | 47.4 | 64.0 | 66.0 | 67.4 | 68.4 | 68.5 | 68.9 | 69.1 | 69.2 | 69.4 |
| >=10000 | 48.1 | 65.5 | 67.5 | 68.9 | 70.0 | 70.1 | 70.5 | 70.8 | 70.8 | 71.1 |
| >= 9000 | 48.6 | 66.3 | 68.4 | 69.8 | 71.0 | 71.1 | 71.5 | 71.7 | 71.8 | 72.1 |
| >= 8000 | 49.3 | 67.5 | 69.7 | 71.2 | 72.3 | 72.5 | 72.9 | 73.2 | 73.2 | 73.5 |
| >= 7000 | 50.1 | 69.1 | 71.3 | 72.8 | 74.0 | 74.1 | 74.6 | 74.8 | 74.9 | 75.1 |
| >= 6000 | 50.8 | 70.5 | 72.7 | 74.3 | 75.5 | 75.7 | 76.2 | 76.4 | 76.4 | 76.7 |
| >= 5000 | 51.7 | 72.1 | 74.4 | 76.1 | 77.3 | 77.5 | 78.1 | 78.3 | 78.3 | 78.7 |
| >= 4500 | 52.3 | 73.2 | 75.6 | 77.2 | 78.6 | 78.8 | 79.3 | 79.6 | 79.6 | 79.9 |
| >= 4000 | 52.8 | 74.2 | 76.7 | 78.4 | 79.8 | 80.0 | 80.6 | 80.8 | 80.9 | 81.2 |
| >= 3500 | 53.5 | 75.2 | 77.7 | 79.5 | 80.9 | 81.1 | 81.7 | 81.9 | 82.0 | 82.3 |
| >= 3000 | 54.1 | 76.4 | 79.1 | 80.9 | 82.4 | 82.6 | 83.2 | 83.5 | 83.5 | 83.9 |
| >= 2500 | 54.8 | 77.6 | 80.4 | 82.3 | 83.9 | 84.1 | 84.8 | 85.0 | 85.1 | 85.4 |
| >= 2000 | 55.4 | 78.7 | 81.5 | 83.5 | 85.1 | 85.3 | 86.0 | 86.3 | 86.3 | 86.7 |
| >= 1800 | 55.6 | 79.0 | 81.9 | 83.9 | 85.6 | 85.8 | 86.4 | 86.7 | 86.7 | 87.1 |
| >= 1500 | 56.0 | 79.8 | 82.8 | 84.8 | 86.5 | 86.7 | 87.4 | 87.7 | 87.7 | 88.1 |
| >= 1200 | 56.5 | 80.9 | 84.0 | 86.1 | 87.8 | 88.1 | 88.8 | 89.1 | 89.1 | 89.5 |
| >= 1000 | 56.8 | 81.6 | 84.7 | 86.8 | 88.7 | 89.0 | 89.7 | 90.0 | 90.1 | 90.5 |
| >= 900 | 56.9 | 82.0 | 85.1 | 87.3 | 89.3 | 89.6 | 90.3 | 90.6 | 90.7 | 91.1 |
| >= 800 | 57.0 | 82.5 | 85.8 | 88.1 | 90.0 | 90.4 | 91.2 | 91.5 | 91.6 | 92.0 |
| >= 700 | 57.1 | 82.8 | 86.2 | 88.5 | 90.6 | 90.9 | 91.8 | 92.2 | 92.2 | 92.7 |
| >= 600 | 57.2 | 83.1 | 86.6 | 89.0 | 91.2 | 91.6 | 92.6 | 93.0 | 93.0 | 93.5 |
| >= 500 | 57.2 | 83.3 | 86.8 | 89.4 | 91.7 | 92.1 | 93.2 | 93.7 | 93.8 | 94.3 |
| >= 400 | 57.2 | 83.4 | 87.0 | 89.7 | 92.2 | 92.7 | 94.0 | 94.6 | 94.7 | 95.2 |
| >= 300 | 57.2 | 83.5 | 87.2 | 90.0 | 92.7 | 93.3 | 94.8 | 95.5 | 95.5 | 96.2 |
| >= 200 | 57.2 | 83.5 | 87.2 | 90.0 | 92.8 | 93.4 | 95.0 | 95.9 | 96.7 | 96.9 |
| >= 100 | 57.2 | 83.5 | 87.2 | 90.0 | 92.8 | 93.4 | 95.1 | 96.0 | 96.1 | 97.1 |
| >= 0 | 57.2 | 83.5 | 87.2 | 90.0 | 92.8 | 93.4 | 95.1 | 96.0 | 96.1 | 97.1 |

TOTAL NO. OF OBS : 10080

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | |
| N | 2.0 | 3.7 | 3.4 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.0 | 6.4 |
| NNE | 1.8 | 3.1 | 4.4 | 1.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 7.0 |
| NE | .8 | 2.0 | 3.0 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 7.3 |
| ENE | .4 | .7 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 6.2 |
| E | .6 | .8 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 4.6 |
| ESE | .2 | .5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 5.6 |
| SE | .4 | .8 | .3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 6.4 |
| SSE | .5 | 1.0 | .5 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 6.4 |
| S | 1.0 | 1.5 | .9 | .7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 7.4 |
| SSW | .5 | 1.8 | 2.3 | 1.4 | .5 | .1 | .1 | .0 | .0 | .0 | .0 | 6.6 | 9.3 |
| SW | .6 | 2.5 | 3.0 | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 7.6 |
| WSW | .9 | 1.9 | 3.6 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.5 | 7.7 |
| W | .5 | 2.3 | 3.6 | 1.2 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 7.7 | 7.9 |
| WNW | .8 | 1.5 | 2.2 | 1.2 | .5 | .0 | .1 | .0 | .0 | .0 | .0 | 6.4 | 8.9 |
| NW | .8 | 1.5 | 1.9 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.8 |
| NNW | 1.1 | 2.8 | 1.8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 5.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13.5 | .0 |
| ALL | 12.8 | 28.3 | 32.0 | 11.6 | 1.5 | .2 | .2 | .0 | .0 | .0 | .0 | 100.0 | 6.3 |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----|--|--|------------|---------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | 1.6 | 4.8 | 4.2 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 11.9 | 6.8 | | | | |
| NNE | 1.0 | 3.9 | 5.3 | 1.9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 12.2 | 7.6 | | | | |
| NE | .5 | 1.5 | 2.1 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 7.6 | | | | |
| ENE | .6 | .6 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 5.6 | | | | |
| E | .2 | .4 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 6.3 | | | | |
| ESE | .2 | .5 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .7 | 5.0 | | | | |
| SE | .4 | .2 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 6.7 | | | | |
| SSE | .3 | .4 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 6.3 | | | | |
| S | .6 | 1.4 | .5 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.1 | 6.5 | | | | |
| SSW | .5 | 1.6 | 1.7 | 1.6 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.8 | | | | |
| SW | .3 | 2.3 | 3.1 | 1.3 | .2 | .0 | .1 | .0 | .0 | .0 | .0 | 7.2 | 8.5 | | | | |
| WSW | .6 | 2.4 | 3.3 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 7.5 | 7.7 | | | | |
| W | .8 | 2.8 | 3.8 | 1.2 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 9.1 | 8.0 | | | | |
| WNW | 1.0 | 1.9 | 1.9 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 8.0 | | | | |
| NW | 1.8 | 2.8 | 1.9 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 5.7 | | | | |
| NNW | .8 | 3.5 | 2.0 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.0 | | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.8 | .0 | | | | |
| ALL | 11.2 | 30.9 | 32.1 | 12.1 | 1.5 | .3 | .1 | .0 | .0 | .0 | .0 | 100.0 | 6.4 | | | | |

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HCUP : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL Σ | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | 1.8 | 5.8 | 5.2 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14.0 | 6.6 | |
| NNE | .8 | 3.0 | 6.2 | 2.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.1 | 7.9 | |
| NE | .9 | 2.2 | 1.9 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.8 | 6.8 | |
| ENE | .4 | .8 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 5.8 | |
| E | .2 | .3 | .3 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 6.6 | |
| ESE | .3 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 6.1 | |
| SE | .6 | .9 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 5.3 | |
| SSE | .2 | .5 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.4 | 7.2 | |
| S | .8 | 1.8 | 1.0 | .4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 6.4 | |
| SSW | .5 | 1.5 | 1.7 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.9 | |
| SW | .8 | 1.3 | 3.0 | .9 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.4 | 8.3 | |
| WSW | .6 | 1.8 | 2.8 | .8 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 7.7 | |
| W | .3 | 2.2 | 4.7 | 1.7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.1 | 8.7 | |
| WNW | 1.0 | 1.9 | 2.2 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 8.0 | |
| NW | 1.1 | 2.5 | 1.3 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.1 | |
| NNW | 1.3 | 4.0 | 1.4 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 6.1 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.0 | .0 | |
| ALL | 11.6 | 31.0 | 33.3 | 11.8 | .9 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.5 | |

TOTAL NO. OF OBS : 1302

NOTES : # = PERCENT < .05

1 - SURFACE WINDS

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. | | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL | MEAN |
|--------|-----|---------------|-----|---|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|
| DIR. | | 1 | - 3 | 4 | - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | % | WIND | SPEED | |
| N | 1.0 | | 2.2 | | 4.7 | 3.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.8 | 9.1 | | |
| NNE | .5 | | 2.4 | | 4.5 | 3.7 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.5 | 9.6 | | |
| NE | .8 | | 2.7 | | 4.5 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.2 | 8.1 | | |
| ENE | .7 | | 1.2 | | 2.0 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.8 | 7.5 | | |
| E | .5 | | 1.2 | | 1.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 6.1 | | |
| ESE | .4 | | .9 | | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 5.7 | | |
| SE | .2 | | .5 | | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 7.6 | | |
| SSE | .3 | | .7 | | .8 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.3 | 8.0 | | |
| S | .5 | | .8 | | 1.5 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.5 | | |
| SSW | .5 | | 1.0 | | 1.5 | 1.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 9.5 | | |
| SW | .5 | | .9 | | 1.6 | 1.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 10.0 | | |
| WSW | .5 | | 1.8 | | 3.4 | 2.3 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.7 | 9.5 | | |
| W | .5 | | 1.4 | | 2.7 | 2.5 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | 8.1 | 10.4 | | |
| WNW | .2 | | .9 | | 2.9 | 2.3 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | 10.6 | | |
| NW | .3 | | 1.7 | | 1.9 | 2.1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.0 | | |
| NNW | .7 | | 2.2 | | 1.8 | 1.1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 7.7 | | |
| VAR | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | |
| CLM | .0 | | .0 | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | .0 | | |
| ALL | 8.3 | 22.4 | | | 36.3 | 24.9 | 4.4 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 8.7 | | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|------|---|---|---|---|------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | |
| N | .5 | 2.2 | | | | | 3.8 | 3.4 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | 10.4 | 9.4 | |
| NNE | .2 | 1.8 | | | | | 2.6 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.6 | 8.8 | |
| NE | .3 | 1.5 | | | | | 2.4 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 8.4 | |
| ENE | .2 | 1.4 | | | | | 2.0 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.3 | 7.8 | |
| E | .1 | .6 | | | | | 1.1 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 8.7 | |
| ESE | .3 | 1.0 | | | | | 1.8 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.0 | |
| SE | .5 | 1.1 | | | | | 1.7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 7.2 | |
| SSE | .4 | .8 | | | | | 1.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 8.3 | |
| S | .2 | .7 | | | | | 1.7 | 1.9 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | 5.2 | 11.2 | |
| SSW | .2 | .8 | | | | | 1.3 | 3.0 | 1.2 | .2 | .1 | .0 | .0 | .0 | .0 | 6.7 | 12.3 | |
| SW | .2 | .9 | | | | | 2.4 | 2.3 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 10.7 | |
| WSW | .2 | 1.6 | | | | | 2.7 | 3.6 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | 9.3 | 11.1 | |
| W | .3 | 1.6 | | | | | 3.9 | 3.6 | 1.5 | .2 | .1 | .0 | .0 | .0 | .0 | 11.1 | 11.0 | |
| WNW | .3 | 1.2 | | | | | 3.3 | 2.4 | .5 | .2 | .0 | .0 | .0 | .0 | .0 | 7.8 | 10.3 | |
| NW | .6 | 1.5 | | | | | 1.5 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 9.2 | |
| NNW | .2 | .8 | | | | | 2.3 | 2.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 9.8 | |
| VAR | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .0 | |
| ALL | 4.7 | 19.4 | | | | | 36.6 | 30.4 | 6.8 | .7 | .2 | .0 | .0 | .0 | .0 | 100.0 | 9.7 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

L13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|------|--|------------|-----------------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | |
| N | .6 | 2.6 | 4.3 | 2.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 8.3 | | | |
| NNE | .2 | 1.5 | 3.3 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 8.1 | | | |
| NE | .3 | 1.8 | 2.7 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 7.7 | | | |
| ENE | .3 | .7 | 1.3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 7.5 | | | |
| E | .3 | .8 | 2.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.5 | | | |
| ESE | .0 | 1.0 | 2.0 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 8.3 | | | |
| SE | .2 | 1.2 | 3.2 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.2 | 7.9 | | | |
| SSE | .2 | 1.4 | 1.8 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.8 | 7.4 | | | |
| S | .3 | 1.2 | 3.5 | 2.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 9.6 | | | |
| SSW | .4 | 1.1 | 3.5 | 2.9 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 10.5 | | | |
| SW | .2 | 1.0 | 2.5 | 1.7 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.6 | 9.5 | | | |
| WSW | .0 | 1.1 | 3.5 | 1.7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 9.9 | | | |
| W | .2 | 1.9 | 4.1 | 4.0 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 11.6 | 10.8 | | | |
| WNW | .1 | 1.8 | 3.2 | 1.8 | .2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 9.5 | | | |
| NW | .3 | .8 | 2.0 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.4 | | | |
| NNW | .3 | 1.2 | 3.3 | 2.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 9.3 | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 | .0 | | | |
| ALL | 3.9 | 21.0 | 46.8 | 23.6 | 3.6 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 9.1 | | | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | |
| N | .8 | 3.2 | 2.1 | .8 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 6.6 | |
| NNE | .5 | 3.0 | 2.6 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 7.1 | |
| NE | .9 | 2.0 | 2.6 | .7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.3 | 6.9 | |
| ENE | .8 | 3.1 | 1.7 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 6.0 | 6.2 | |
| E | .5 | 1.5 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 | 6.2 | |
| ESE | .4 | 1.6 | .7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 5.8 | |
| SE | 1.0 | 2.2 | .8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 5.3 | |
| SSE | 1.2 | 2.5 | 1.2 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 5.5 | |
| S | .9 | 5.1 | 3.3 | 1.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 6.8 | |
| SSW | .8 | 3.3 | 4.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 9.8 | 7.6 | |
| SW | .5 | 1.5 | 2.2 | .6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 4.9 | 7.5 | |
| WSW | .5 | 2.1 | 2.8 | .6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 6.5 | 7.9 | |
| W | .6 | 2.6 | 2.0 | 1.3 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | 7.1 | 8.7 | |
| WNW | .5 | .8 | 1.5 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.5 | 8.2 | |
| NW | .5 | 1.6 | 1.4 | .4 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.0 | |
| NNW | .8 | 2.6 | 1.7 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 6.2 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| ALL | 11.2 | 38.6 | 32.6 | 9.8 | 1.5 | .2 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.5 | |

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|----------------|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|-------|------------|-----------------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >56 | | | | | | | |
| N | 1.5 | 4.2 | 3.0 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.6 | 6.3 | |
| NNE | .8 | 2.6 | 3.8 | 1.1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.6 | 7.4 | |
| NE | 1.5 | 3.3 | 3.0 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.3 | 6.4 | |
| ENE | .7 | 1.0 | .9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 5.4 | |
| E | .5 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.1 | 5.1 | |
| ESE | .7 | 1.2 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.5 | 4.8 | |
| SE | .8 | 1.1 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 5.0 | |
| SSE | .5 | 1.4 | .4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.6 | 6.1 | |
| S | .8 | 3.5 | 2.2 | .6 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.8 | 7.4 | |
| SSW | 1.2 | 2.8 | 2.2 | .8 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.1 | |
| SW | 1.4 | 2.0 | 3.1 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 7.1 | |
| WSW | .5 | 3.0 | 2.5 | .9 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.2 | 7.2 | |
| W | .3 | 1.7 | 3.1 | 2.0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 9.1 | |
| WNW | .8 | .8 | 1.5 | 1.0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 8.6 | |
| NW | .4 | 1.5 | .7 | .8 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.4 | 7.6 | |
| NNW | .8 | 1.8 | 1.6 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | 6.4 | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 11.9 | .0 | |
| ALL | 13.3 | 33.4 | 29.3 | 10.1 | 1.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 6.2 | |

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13800 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | SPEED (KNOTS) | | | | | | | | | | | | | | | TOTAL % | MEAN WIND SPEED |
|-------------|---------------|-------|------|-------|-------|-------|-------|-------|-------|-------|------|----|-------|-----|--|---------|-----------------|
| | 1 - 3 | 4 - 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | | | | | | |
| N | 1.2 | 3.6 | 3.8 | 1.7 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.5 | 7.4 | | | |
| NNE | .7 | 2.7 | 4.2 | 1.7 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.5 | 8.0 | | | |
| NE | .8 | 2.1 | 2.9 | 1.0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.7 | 7.4 | | | |
| NNE | .5 | 1.2 | 1.2 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 6.7 | | | |
| E | .4 | .9 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 6.6 | | | |
| ESE | .3 | .9 | .8 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.2 | 6.6 | | | |
| SE | .5 | 1.0 | 1.0 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.7 | 6.5 | | | |
| SSE | .5 | 1.1 | .9 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.8 | 6.8 | | | |
| S | .6 | 2.0 | 1.8 | 1.0 | .2 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.7 | 8.0 | | | |
| SSW | .6 | 1.7 | 2.3 | 1.7 | .4 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.8 | 9.1 | | | |
| SW | .6 | 1.5 | 2.6 | 1.2 | .3 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 6.3 | 8.6 | | | |
| WSW | .5 | 2.0 | 3.1 | 1.5 | .3 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | 8.7 | | | |
| W | .5 | 2.1 | 3.5 | 2.2 | .6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 8.9 | 9.5 | | | |
| WNW | .6 | 1.3 | 2.3 | 1.5 | .3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | 6.2 | 9.1 | | | |
| NW | .7 | 1.7 | 1.6 | 1.0 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 5.1 | 7.6 | | | |
| NNW | .8 | 2.4 | 2.0 | .9 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 6.1 | 7.2 | | | |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.4 | .0 | | | |
| ALL | 9.6 | 28.1 | 34.9 | 16.6 | 2.7 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 100.0 | 7.4 | | | |

TOTAL NO. OF OBS : 10415

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : ANN
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

| 16 PT. DIR. | 1 | 2 | 3 | 4 | 5 | 6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | >=56 | TOTAL Σ | MEAN WIND SPEED |
|----------------|-----|------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|------------|-----------------------|
| N | 1.1 | 3.1 | 2.9 | 1.3 | .1 | .C* | .C* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 7.3 |
| ANE | .8 | 2.7 | 2.5 | 1.4 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.4 | 7.6 |
| NE | .7 | 2.3 | 2.8 | 1.0 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 7.4 |
| ENE | .4 | 1.3 | 1.6 | .6 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 7.5 |
| E | .5 | 1.3 | 1.5 | .7 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 7.6 |
| ESE | .4 | 1.1 | 1.3 | .6 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.6 |
| SE | .5 | 1.3 | 1.4 | .7 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.9 | 7.5 |
| SSE | .6 | 1.6 | 1.6 | .7 | .1 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.3 |
| S | 1.0 | 3.0 | 3.2 | 1.7 | .3 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.3 | 7.9 |
| SSW | .6 | 2.4 | 3.1 | 1.7 | .3 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8.2 | 8.5 |
| SW | .5 | 1.9 | 2.9 | 1.2 | .2 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.8 | 8.2 |
| WSW | .4 | 1.7 | 2.6 | 1.2 | .2 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 8.6 |
| W | .5 | 1.6 | 2.6 | 1.5 | .4 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 9.2 |
| WNW | .4 | 1.1 | 1.6 | 1.0 | .3 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.5 | 9.2 |
| NW | .5 | 1.2 | 1.2 | .6 | .1 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.6 | 7.8 |
| NNW | .6 | 1.8 | 1.4 | .7 | .1 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.6 | 7.3 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | .0 |
| ALL | 9.3 | 29.4 | 35.2 | 16.8 | 2.2 | .4 | .4 | .1 | .0* | .0* | .0* | .0* | .0 | .0 | .0 | 100.0 | 7.4 |

TOTAL NO. OF OBS : 122684

NOTES : * = PERCENT < .05

CEILING VS VISIBILITY

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|--------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=1/16 |
| UNLIMIT | 38.0 | 52.6 | 54.9 | 56.7 | 57.5 | 58.1 | 58.2 | 58.2 | 58.5 | 58.9 |
| >=20000 | 39.4 | 54.6 | 56.9 | 58.8 | 59.5 | 60.1 | 60.3 | 60.6 | 61.0 | 61.4 |
| >=19000 | 39.5 | 54.7 | 57.0 | 58.9 | 59.6 | 60.2 | 60.4 | 60.7 | 61.1 | 61.5 |
| >=18000 | 39.6 | 54.9 | 57.2 | 59.1 | 59.8 | 60.4 | 60.6 | 60.9 | 61.3 | 61.7 |
| >=17000 | 40.2 | 55.9 | 58.3 | 60.1 | 60.9 | 61.6 | 61.8 | 62.1 | 62.5 | 62.9 |
| >=16000 | 40.7 | 56.9 | 59.3 | 61.1 | 62.0 | 62.7 | 62.9 | 63.2 | 63.6 | 64.0 |
| >=15000 | 42.0 | 58.8 | 61.4 | 63.3 | 64.1 | 64.8 | 65.0 | 65.3 | 65.7 | 66.1 |
| >=14000 | 42.5 | 59.5 | 62.2 | 64.2 | 65.1 | 65.7 | 65.9 | 66.2 | 66.6 | 67.1 |
| >=13000 | 43.5 | 61.1 | 63.8 | 65.8 | 66.7 | 67.4 | 67.6 | 67.9 | 68.3 | 68.7 |
| >=12000 | 44.9 | 62.9 | 65.8 | 67.9 | 69.0 | 69.7 | 69.9 | 70.2 | 70.6 | 71.0 |
| >=11000 | 45.9 | 64.7 | 67.8 | 69.9 | 71.0 | 71.7 | 72.0 | 72.3 | 72.7 | 73.1 |
| >=10000 | 47.2 | 66.7 | 70.0 | 72.2 | 73.3 | 74.0 | 74.3 | 74.6 | 75.0 | 75.5 |
| >=9000 | 47.8 | 67.9 | 71.4 | 73.7 | 74.8 | 75.5 | 75.7 | 76.0 | 76.4 | 76.8 |
| >=8000 | 48.6 | 69.0 | 72.6 | 75.0 | 76.2 | 77.0 | 77.2 | 77.5 | 77.9 | 78.3 |
| >=7000 | 49.2 | 70.3 | 74.0 | 76.4 | 77.6 | 78.4 | 78.7 | 79.0 | 79.4 | 79.8 |
| >=6000 | 49.5 | 71.4 | 75.2 | 77.7 | 79.0 | 79.7 | 80.0 | 80.3 | 80.7 | 81.1 |
| >=5000 | 50.0 | 72.8 | 76.7 | 79.2 | 80.5 | 81.3 | 81.6 | 82.0 | 82.4 | 82.8 |
| >=4500 | 50.3 | 73.7 | 77.6 | 80.3 | 81.6 | 82.4 | 82.7 | 83.1 | 83.5 | 83.9 |
| >=4000 | 50.5 | 74.1 | 78.2 | 80.8 | 82.1 | 82.9 | 83.3 | 83.6 | 84.0 | 84.4 |
| >=3500 | 51.2 | 75.4 | 79.6 | 82.3 | 83.6 | 84.5 | 84.8 | 85.1 | 85.5 | 85.9 |
| >=3000 | 51.4 | 76.2 | 80.4 | 83.2 | 84.5 | 85.4 | 85.7 | 86.0 | 86.4 | 86.8 |
| >=2500 | 51.8 | 77.2 | 81.4 | 84.2 | 85.5 | 86.5 | 86.8 | 87.1 | 87.5 | 87.9 |
| >=2000 | 52.2 | 78.0 | 82.2 | 84.9 | 86.3 | 87.2 | 87.6 | 87.9 | 88.3 | 88.7 |
| >=1800 | 52.3 | 78.7 | 83.1 | 86.0 | 87.3 | 88.1 | 88.4 | 88.7 | 89.1 | 89.5 |
| >=1600 | 52.5 | 79.0 | 83.7 | 86.8 | 88.1 | 89.0 | 89.3 | 89.6 | 90.0 | 90.4 |
| >=1400 | 52.6 | 79.4 | 84.3 | 87.6 | 89.0 | 90.0 | 90.3 | 90.6 | 91.0 | 91.4 |
| >=1200 | 52.6 | 79.7 | 84.7 | 88.1 | 89.6 | 90.6 | 91.0 | 91.3 | 91.7 | 92.1 |
| >=1000 | 52.6 | 80.0 | 85.2 | 89.1 | 91.2 | 92.2 | 92.5 | 92.8 | 93.2 | 93.6 |
| >=900 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.5 | 95.5 | 96.5 | 97.5 |
| >=800 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=700 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=600 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=500 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=400 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=300 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=200 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=100 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |
| >=0 | 52.6 | 80.0 | 85.3 | 89.2 | 91.6 | 93.5 | 94.6 | 95.6 | 96.6 | 97.6 |

TOTAL NO. OF OPS : 1302

2 - CEILING VS VISTIRILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : DEC
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=1 1/4 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|------|---------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 35.3 | 49.6 | 52.6 | 54.5 | 55.3 | 55.4 | 55.6 | 55.8 | 55.8 | 56.1 | 56.4 | 56.5 | 57.0 | 57.0 | 57.4 | 58.1 |
| >=20000 | 36.6 | 51.5 | 54.5 | 56.5 | 57.2 | 57.3 | 57.6 | 57.8 | 57.8 | 58.1 | 58.4 | 58.4 | 59.0 | 59.0 | 59.4 | 60.1 |
| >=18000 | 36.6 | 51.8 | 54.8 | 56.7 | 57.5 | 57.5 | 57.8 | 58.1 | 58.1 | 58.4 | 58.7 | 58.8 | 59.3 | 59.3 | 59.7 | 60.4 |
| >=16000 | 36.6 | 51.8 | 54.8 | 56.8 | 57.5 | 57.6 | 57.9 | 58.1 | 58.1 | 58.4 | 58.8 | 58.8 | 59.4 | 59.4 | 59.8 | 60.5 |
| >=14000 | 37.1 | 52.6 | 55.6 | 57.5 | 58.3 | 58.4 | 58.7 | 58.9 | 58.9 | 59.2 | 59.5 | 59.6 | 60.2 | 60.2 | 60.6 | 61.4 |
| >=12000 | 37.7 | 53.8 | 56.9 | 58.8 | 59.6 | 59.7 | 60.0 | 60.2 | 60.2 | 60.5 | 60.8 | 60.9 | 61.5 | 61.5 | 62.0 | 62.7 |
| >=10000 | 38.6 | 55.2 | 58.4 | 60.3 | 61.1 | 61.1 | 61.4 | 61.7 | 61.7 | 62.0 | 62.3 | 62.4 | 63.0 | 63.0 | 63.5 | 64.3 |
| >=9000 | 39.2 | 56.3 | 59.4 | 61.4 | 62.2 | 62.3 | 62.6 | 62.8 | 62.8 | 63.1 | 63.4 | 63.5 | 64.1 | 64.1 | 64.7 | 65.4 |
| >=8000 | 40.2 | 57.8 | 61.1 | 63.1 | 63.9 | 64.0 | 64.3 | 64.6 | 64.6 | 64.9 | 65.2 | 65.3 | 65.9 | 65.9 | 66.4 | 67.2 |
| >=7000 | 41.2 | 59.8 | 63.3 | 65.4 | 66.1 | 66.2 | 66.6 | 66.9 | 66.9 | 67.2 | 67.5 | 67.6 | 68.2 | 68.2 | 68.8 | 69.6 |
| >=6000 | 42.2 | 61.3 | 64.8 | 67.0 | 67.7 | 67.8 | 68.2 | 68.5 | 68.5 | 68.8 | 69.2 | 69.3 | 69.9 | 69.9 | 70.5 | 71.3 |
| >=5000 | 43.7 | 64.0 | 67.8 | 70.1 | 70.9 | 71.0 | 71.4 | 71.7 | 71.7 | 72.0 | 72.4 | 72.5 | 73.1 | 73.1 | 73.7 | 74.5 |
| >=4500 | 44.2 | 65.2 | 69.0 | 71.5 | 72.3 | 72.4 | 72.8 | 73.1 | 73.1 | 73.4 | 73.8 | 73.9 | 74.5 | 74.5 | 75.1 | 75.9 |
| >=4000 | 44.8 | 66.2 | 70.2 | 72.7 | 73.5 | 73.6 | 74.0 | 74.3 | 74.3 | 74.7 | 75.0 | 75.1 | 75.8 | 75.8 | 76.4 | 77.2 |
| >=3500 | 45.6 | 67.3 | 71.3 | 73.8 | 74.7 | 74.7 | 75.3 | 75.6 | 75.6 | 75.9 | 76.3 | 76.3 | 77.0 | 77.0 | 77.6 | 78.4 |
| >=3000 | 46.2 | 68.4 | 72.4 | 75.0 | 75.9 | 76.0 | 76.6 | 76.9 | 76.9 | 77.3 | 77.6 | 77.7 | 78.4 | 78.4 | 79.0 | 79.8 |
| >=2500 | 46.8 | 69.7 | 74.0 | 76.8 | 77.6 | 77.7 | 78.4 | 78.7 | 79.1 | 79.1 | 79.5 | 79.6 | 80.3 | 80.3 | 80.9 | 81.6 |
| >=2000 | 47.1 | 70.7 | 75.1 | 78.1 | 79.0 | 79.1 | 79.8 | 80.1 | 80.6 | 81.0 | 81.4 | 81.5 | 82.2 | 81.7 | 82.3 | 83.1 |
| >=1800 | 47.3 | 71.1 | 75.5 | 78.5 | 79.4 | 79.6 | 80.3 | 80.6 | 81.0 | 81.4 | 81.8 | 81.9 | 82.7 | 82.2 | 82.8 | 83.6 |
| >=1500 | 47.8 | 72.4 | 76.7 | 79.7 | 80.6 | 80.8 | 81.5 | 81.8 | 82.3 | 82.7 | 83.2 | 83.6 | 84.4 | 83.4 | 84.0 | 84.8 |
| >=1200 | 48.2 | 73.2 | 77.6 | 80.6 | 81.6 | 81.7 | 82.4 | 82.7 | 83.2 | 83.6 | 84.1 | 84.5 | 85.7 | 84.3 | 84.9 | 85.7 |
| >=1000 | 48.8 | 74.2 | 78.6 | 81.7 | 82.9 | 83.0 | 83.7 | 84.0 | 84.6 | 84.9 | 85.4 | 85.9 | 86.6 | 85.7 | 86.3 | 87.1 |
| >=900 | 48.8 | 74.7 | 79.3 | 82.5 | 83.8 | 83.9 | 84.6 | 84.9 | 85.5 | 85.9 | 86.4 | 86.9 | 87.5 | 86.6 | 87.3 | 88.0 |
| >=800 | 49.2 | 75.3 | 80.0 | 83.3 | 84.6 | 84.7 | 85.4 | 85.8 | 86.3 | 86.7 | 87.2 | 87.6 | 88.1 | 87.5 | 88.1 | 88.9 |
| >=700 | 49.3 | 75.7 | 80.4 | 83.9 | 85.3 | 85.4 | 86.2 | 86.6 | 87.1 | 87.5 | 88.0 | 88.4 | 88.9 | 88.2 | 88.9 | 89.6 |
| >=600 | 49.4 | 76.3 | 81.0 | 84.8 | 86.3 | 86.5 | 87.4 | 87.8 | 88.3 | 88.7 | 89.2 | 89.6 | 89.9 | 89.5 | 90.1 | 90.9 |
| >=500 | 49.5 | 76.7 | 81.6 | 85.4 | 87.3 | 87.5 | 88.4 | 88.9 | 89.6 | 89.9 | 90.4 | 90.8 | 90.7 | 90.7 | 91.3 | 92.1 |
| >=400 | 49.5 | 77.3 | 82.3 | 86.4 | 88.4 | 88.6 | 89.5 | 90.6 | 91.2 | 91.6 | 92.1 | 92.5 | 92.5 | 92.5 | 93.1 | 93.9 |
| >=300 | 49.5 | 77.5 | 82.7 | 86.9 | 89.2 | 89.5 | 91.2 | 92.2 | 92.3 | 93.1 | 93.5 | 93.5 | 94.3 | 94.3 | 94.9 | 95.7 |
| >=200 | 49.5 | 77.5 | 82.7 | 87.0 | 89.6 | 89.9 | 91.9 | 93.0 | 93.2 | 94.0 | 94.5 | 94.6 | 95.5 | 95.5 | 96.4 | 97.2 |
| >=100 | 49.5 | 77.5 | 82.7 | 87.0 | 89.6 | 89.9 | 92.1 | 93.2 | 93.3 | 94.3 | 94.9 | 95.0 | 96.0 | 96.1 | 97.5 | 98.6 |
| >=0 | 49.5 | 77.5 | 82.7 | 87.0 | 89.6 | 89.9 | 92.1 | 93.2 | 93.3 | 94.3 | 94.9 | 95.0 | 96.0 | 96.1 | 97.9 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1984
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : DEC
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 33.2 | 46.2 | 48.5 | 50.4 | 51.6 | 51.8 | 52.3 | 52.3 | 52.3 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 53.4 | 53.6 | 54.0 | 55.0 |
| >=20000 | 34.5 | 48.0 | 50.7 | 52.6 | 53.8 | 54.1 | 54.6 | 54.6 | 54.6 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.8 | 56.0 | 56.5 | 57.7 |
| >=18000 | 34.6 | 48.2 | 50.8 | 52.3 | 54.0 | 54.2 | 54.8 | 54.8 | 54.8 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 | 56.1 | 56.7 | 57.8 |
| >=16000 | 34.9 | 48.5 | 51.3 | 53.2 | 54.5 | 54.7 | 55.2 | 55.2 | 55.2 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 56.4 | 56.6 | 57.1 | 58.3 |
| >=14000 | 36.1 | 50.1 | 52.8 | 54.9 | 56.2 | 56.5 | 57.0 | 57.0 | 57.0 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 58.1 | 58.4 | 58.9 | 60.1 |
| >=12000 | 36.8 | 51.8 | 54.6 | 56.7 | 58.1 | 58.3 | 58.8 | 58.8 | 58.8 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 60.0 | 60.2 | 60.8 | 61.9 |
| >=10000 | 37.9 | 53.1 | 56.0 | 58.1 | 59.5 | 59.8 | 60.3 | 60.3 | 60.3 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.5 | 61.8 | 62.4 | 63.5 |
| >= 9000 | 38.5 | 54.2 | 57.1 | 59.3 | 60.8 | 61.0 | 61.5 | 61.5 | 61.5 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.7 | 63.1 | 63.7 | 64.8 |
| >= 8000 | 39.0 | 55.6 | 58.7 | 60.8 | 62.3 | 62.6 | 63.1 | 63.1 | 63.1 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.4 | 64.7 | 65.4 | 66.5 |
| >= 7000 | 39.7 | 56.9 | 60.3 | 62.4 | 63.9 | 64.2 | 64.8 | 64.8 | 64.8 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 66.1 | 66.4 | 67.1 | 68.2 |
| >= 6000 | 40.7 | 58.4 | 61.9 | 64.1 | 65.6 | 65.9 | 66.5 | 66.5 | 66.5 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.8 | 68.1 | 68.7 | 69.9 |
| >= 5000 | 41.3 | 59.9 | 63.4 | 65.7 | 67.4 | 67.7 | 68.4 | 68.4 | 68.4 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.7 | 70.0 | 70.7 | 71.9 |
| >= 4500 | 42.1 | 61.2 | 64.8 | 67.2 | 69.0 | 69.3 | 70.0 | 70.0 | 70.0 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.5 | 71.8 | 72.5 | 73.7 |
| >= 4000 | 42.8 | 62.5 | 66.3 | 68.7 | 70.5 | 70.8 | 71.7 | 71.7 | 71.7 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 73.1 | 73.4 | 74.1 | 75.3 |
| >= 3500 | 43.9 | 63.7 | 67.6 | 70.0 | 72.0 | 72.3 | 73.1 | 73.1 | 73.1 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.6 | 74.9 | 75.6 | 76.7 |
| >= 3000 | 44.5 | 65.1 | 69.0 | 71.6 | 73.7 | 74.0 | 74.9 | 74.9 | 74.9 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 76.3 | 76.7 | 77.3 | 78.5 |
| >= 2500 | 45.3 | 66.4 | 70.7 | 73.3 | 75.4 | 75.7 | 76.9 | 76.9 | 76.9 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.4 | 78.7 | 79.4 | 80.6 |
| >= 2000 | 45.7 | 67.7 | 72.0 | 74.7 | 76.9 | 77.2 | 78.3 | 78.3 | 78.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.9 | 80.2 | 80.9 | 82.0 |
| >= 1800 | 45.9 | 68.0 | 72.4 | 75.1 | 77.3 | 77.6 | 78.8 | 78.8 | 78.8 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.4 | 80.7 | 81.4 | 82.6 |
| >= 1500 | 46.6 | 69.1 | 73.6 | 76.5 | 78.8 | 79.1 | 80.3 | 80.3 | 80.3 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 82.0 | 82.3 | 83.0 | 84.2 |
| >= 1200 | 47.1 | 70.0 | 74.6 | 77.6 | 80.1 | 80.4 | 81.6 | 81.6 | 81.6 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 83.3 | 83.6 | 84.3 | 85.5 |
| >= 1000 | 47.4 | 71.1 | 75.7 | 78.9 | 81.4 | 81.7 | 82.9 | 82.9 | 82.9 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.6 | 84.9 | 85.6 | 86.8 |
| >= 900 | 47.4 | 71.9 | 76.4 | 79.7 | 82.3 | 82.6 | 83.9 | 83.9 | 83.9 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.6 | 85.9 | 86.6 | 87.9 |
| >= 800 | 47.7 | 72.3 | 77.0 | 80.3 | 82.9 | 83.2 | 84.5 | 84.5 | 84.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 86.2 | 86.5 | 87.2 | 88.4 |
| >= 700 | 47.9 | 73.2 | 78.0 | 81.4 | 84.0 | 84.3 | 85.6 | 85.6 | 85.6 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 87.4 | 87.7 | 88.4 | 89.6 |
| >= 600 | 47.9 | 73.6 | 78.4 | 82.0 | 84.9 | 85.3 | 86.6 | 86.6 | 86.6 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 88.4 | 88.7 | 89.4 | 90.6 |
| >= 500 | 48.0 | 74.3 | 79.3 | 83.1 | 86.2 | 86.6 | 88.2 | 88.2 | 88.2 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 90.0 | 90.3 | 91.0 | 92.2 |
| >= 400 | 48.2 | 74.7 | 79.6 | 83.7 | 87.0 | 87.5 | 89.4 | 89.5 | 89.5 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 91.4 | 91.7 | 92.4 | 93.6 |
| >= 300 | 48.2 | 74.9 | 80.0 | 84.3 | 87.8 | 88.3 | 90.6 | 90.9 | 90.9 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 93.5 | 93.8 | 94.6 | 95.9 |
| >= 200 | 48.2 | 74.9 | 80.0 | 84.3 | 87.9 | 88.6 | 91.2 | 91.6 | 91.6 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 94.9 | 95.2 | 96.2 | 97.7 |
| >= 100 | 48.2 | 74.9 | 80.0 | 84.3 | 88.0 | 88.6 | 91.4 | 91.7 | 91.7 | 93.9 | 94.5 | 94.5 | 94.5 | 94.5 | 95.7 | 96.0 | 97.3 | 98.8 |
| >= 0 | 48.2 | 74.9 | 80.0 | 84.3 | 88.0 | 88.6 | 91.4 | 91.7 | 91.7 | 93.9 | 94.5 | 94.5 | 94.5 | 94.5 | 95.8 | 96.1 | 97.6 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 36.9 | 49.5 | 50.8 | 51.8 | 52.8 | 52.9 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| >=20000 | 39.6 | 53.1 | 54.8 | 55.9 | 56.9 | 57.0 | 57.5 | 57.6 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| >=18000 | 39.9 | 53.5 | 55.1 | 56.3 | 57.3 | 57.4 | 57.9 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| >=16000 | 40.2 | 53.9 | 55.7 | 56.8 | 57.8 | 57.9 | 58.4 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| >=14000 | 41.2 | 54.9 | 56.7 | 57.8 | 58.8 | 58.9 | 59.5 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| >=12000 | 42.2 | 56.5 | 58.4 | 59.7 | 60.8 | 60.8 | 61.4 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| >=10000 | 43.1 | 57.8 | 59.8 | 61.1 | 62.3 | 62.5 | 63.1 | 63.2 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >= 9000 | 43.6 | 58.8 | 60.9 | 62.2 | 63.4 | 63.6 | 64.2 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| >= 8000 | 44.3 | 59.8 | 62.0 | 63.4 | 64.7 | 65.1 | 65.7 | 65.7 | 65.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| >= 7000 | 45.5 | 61.5 | 63.7 | 65.1 | 66.5 | 66.9 | 67.5 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| >= 6000 | 46.6 | 63.2 | 65.4 | 67.0 | 68.5 | 68.9 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| >= 5000 | 47.7 | 65.1 | 67.4 | 69.0 | 70.6 | 71.0 | 72.0 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| >= 4500 | 48.2 | 66.1 | 68.7 | 70.3 | 71.8 | 72.3 | 73.2 | 73.3 | 73.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| >= 4000 | 49.0 | 67.1 | 69.7 | 71.4 | 72.9 | 73.3 | 74.3 | 74.3 | 74.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| >= 3500 | 49.3 | 68.0 | 70.8 | 72.6 | 74.2 | 74.7 | 75.7 | 75.7 | 75.7 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| >= 3000 | 50.1 | 69.1 | 72.0 | 73.8 | 75.5 | 76.0 | 77.0 | 77.0 | 77.0 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| >= 2500 | 50.7 | 70.3 | 73.3 | 75.1 | 76.8 | 77.4 | 78.5 | 78.6 | 78.6 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| >= 2000 | 51.8 | 72.1 | 75.3 | 77.1 | 78.8 | 79.4 | 80.6 | 80.8 | 80.8 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| >= 1800 | 52.3 | 72.7 | 75.9 | 77.7 | 79.4 | 80.0 | 81.3 | 81.5 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| >= 1500 | 53.0 | 73.9 | 77.3 | 79.1 | 80.8 | 81.4 | 82.6 | 82.9 | 82.9 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| >= 1200 | 53.7 | 75.0 | 78.5 | 80.5 | 82.3 | 82.9 | 84.3 | 84.6 | 84.6 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| >= 1000 | 54.4 | 76.2 | 80.0 | 82.1 | 84.3 | 84.9 | 86.3 | 86.6 | 86.6 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| >= 900 | 54.5 | 76.7 | 80.6 | 82.8 | 85.0 | 85.6 | 87.0 | 87.4 | 87.4 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| >= 800 | 54.6 | 77.2 | 81.3 | 83.6 | 86.1 | 86.7 | 88.1 | 88.5 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| >= 700 | 54.6 | 77.6 | 82.0 | 84.6 | 87.3 | 87.9 | 89.2 | 89.6 | 89.6 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| >= 600 | 54.7 | 78.1 | 82.8 | 85.5 | 88.5 | 89.2 | 90.4 | 91.2 | 91.2 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| >= 500 | 55.0 | 78.7 | 83.6 | 86.6 | 89.8 | 90.6 | 92.2 | 92.7 | 92.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| >= 400 | 55.0 | 79.0 | 84.1 | 87.3 | 90.8 | 91.8 | 93.8 | 94.3 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >= 300 | 55.0 | 79.0 | 84.2 | 87.6 | 91.3 | 92.6 | 95.5 | 96.4 | 96.4 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| >= 200 | 55.0 | 79.0 | 84.2 | 87.6 | 91.4 | 92.7 | 96.0 | 96.9 | 96.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.3 |
| >= 100 | 55.0 | 79.0 | 84.2 | 87.6 | 91.4 | 92.7 | 96.0 | 96.9 | 96.9 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.3 |
| >= 0 | 55.1 | 79.1 | 84.3 | 87.7 | 91.5 | 92.8 | 96.1 | 97.0 | 97.1 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 99.0 | 99.3 | 99.4 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : DEC
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|--------|-------|------|
| UNLIMIT | 43.9 | 52.9 | 53.5 | 53.5 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| >=20000 | 47.1 | 57.3 | 57.9 | 58.0 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| >=18000 | 47.3 | 57.5 | 58.2 | 58.3 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| >=16000 | 47.7 | 58.1 | 58.8 | 58.8 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| >=14000 | 48.7 | 59.3 | 60.0 | 60.1 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| >=12000 | 49.2 | 60.3 | 61.1 | 61.1 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| >=10000 | 50.8 | 62.4 | 63.2 | 63.4 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| >=9000 | 51.4 | 63.4 | 64.4 | 64.5 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| >=8000 | 52.7 | 65.2 | 66.4 | 66.5 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| >=7000 | 53.5 | 66.7 | 67.9 | 68.0 | 68.7 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| >=6000 | 54.2 | 67.8 | 69.2 | 69.4 | 70.1 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| >=5000 | 55.5 | 69.9 | 71.4 | 71.7 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| >=4500 | 55.8 | 70.6 | 72.0 | 72.4 | 73.2 | 73.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| >=4000 | 57.0 | 72.3 | 73.7 | 74.1 | 75.0 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| >=3500 | 58.3 | 74.0 | 75.6 | 76.0 | 76.9 | 77.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| >=3000 | 60.1 | 76.3 | 78.0 | 78.4 | 79.5 | 79.6 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| >=2500 | 61.2 | 78.3 | 80.1 | 80.6 | 81.7 | 81.9 | 82.3 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| >=2000 | 62.6 | 80.3 | 82.3 | 82.8 | 83.9 | 84.0 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| >=1800 | 63.2 | 81.7 | 83.7 | 84.3 | 85.3 | 85.5 | 86.0 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| >=1500 | 64.1 | 83.8 | 85.8 | 86.4 | 87.5 | 87.6 | 88.2 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| >=1200 | 64.8 | 85.3 | 87.4 | 88.0 | 89.1 | 89.2 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| >=1000 | 65.3 | 86.2 | 88.3 | 89.1 | 90.2 | 90.4 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| >=900 | 65.6 | 86.7 | 88.9 | 89.9 | 91.1 | 91.2 | 91.9 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| >=800 | 65.7 | 87.3 | 89.5 | 90.7 | 92.0 | 92.2 | 93.0 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| >=700 | 66.0 | 87.6 | 89.8 | 91.0 | 92.5 | 92.9 | 93.9 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| >=600 | 66.0 | 88.0 | 90.4 | 91.9 | 93.7 | 94.0 | 95.2 | 95.5 | 95.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| >=500 | 66.0 | 88.2 | 90.6 | 92.3 | 94.2 | 94.7 | 96.1 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=400 | 66.1 | 88.4 | 90.9 | 92.7 | 94.9 | 95.5 | 97.0 | 97.4 | 97.4 | 97.9 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| >=300 | 66.1 | 88.5 | 91.1 | 93.0 | 95.2 | 95.9 | 97.5 | 98.0 | 98.0 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| >=200 | 66.1 | 88.5 | 91.1 | 93.1 | 95.3 | 96.1 | 97.8 | 98.5 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=100 | 66.1 | 88.5 | 91.1 | 93.1 | 95.3 | 96.1 | 97.8 | 98.5 | 98.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| >=0 | 66.1 | 88.5 | 91.1 | 93.1 | 95.3 | 96.1 | 97.8 | 98.5 | 98.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 |
| UNLIMIT | 43.9 | 54.3 | 55.1 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| >=20000 | 49.1 | 60.4 | 61.3 | 61.4 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| >=18000 | 49.4 | 60.7 | 61.7 | 62.0 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| >=16000 | 49.5 | 61.1 | 62.1 | 62.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| >=14000 | 50.9 | 62.7 | 63.7 | 64.0 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| >=12000 | 52.3 | 64.4 | 65.5 | 65.8 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| >=10000 | 53.1 | 65.7 | 66.8 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| >=9000 | 53.8 | 66.5 | 67.6 | 68.0 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| >=8000 | 54.8 | 67.7 | 68.7 | 69.3 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| >=7000 | 56.4 | 70.5 | 71.6 | 72.2 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| >=6000 | 57.3 | 72.0 | 73.2 | 73.9 | 74.4 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| >=5000 | 58.7 | 73.7 | 75.0 | 75.8 | 76.4 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| >=4500 | 59.3 | 74.3 | 75.7 | 76.7 | 77.3 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| >=4000 | 60.2 | 75.7 | 77.1 | 78.2 | 78.9 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| >=3500 | 61.5 | 77.3 | 78.8 | 79.9 | 80.6 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| >=3000 | 62.4 | 79.3 | 81.0 | 82.2 | 83.0 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| >=2500 | 63.4 | 81.2 | 82.8 | 84.0 | 85.1 | 85.5 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| >=2000 | 64.3 | 82.7 | 84.4 | 85.6 | 86.8 | 87.2 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| >=1800 | 64.8 | 83.5 | 85.3 | 86.5 | 87.6 | 88.0 | 88.2 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| >=1500 | 65.8 | 84.6 | 86.3 | 87.6 | 88.7 | 89.1 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| >=1200 | 66.3 | 85.6 | 87.5 | 88.9 | 90.2 | 90.6 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| >=1000 | 66.6 | 86.7 | 88.7 | 90.2 | 91.6 | 92.0 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| >=900 | 66.7 | 86.9 | 89.0 | 90.5 | 92.2 | 92.6 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| >=800 | 66.7 | 87.2 | 89.4 | 90.9 | 92.8 | 93.2 | 93.6 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| >=700 | 66.8 | 87.5 | 89.8 | 91.5 | 93.5 | 94.0 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| >=600 | 66.9 | 87.7 | 90.1 | 91.9 | 94.3 | 94.9 | 95.7 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| >=500 | 67.0 | 88.1 | 90.6 | 92.6 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=400 | 67.0 | 88.1 | 90.6 | 92.6 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=300 | 67.0 | 88.1 | 90.6 | 92.6 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=200 | 67.0 | 88.2 | 90.7 | 92.7 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=100 | 67.0 | 88.2 | 90.7 | 92.7 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| >=0 | 67.0 | 88.2 | 90.7 | 92.7 | 94.6 | 95.2 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : DEC
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|---------|------|---------|------|-------|-------|-------|--------|-------|-------|-------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 1/2 | >=2 | >=1 1/2 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=1/8 | >=0 |
| UNLIMIT | 42.9 | 56.0 | 57.1 | 57.6 | 58.2 | 58.2 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| >=20000 | 45.9 | 60.0 | 61.1 | 61.7 | 62.3 | 62.3 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| >=18000 | 46.4 | 60.5 | 61.7 | 62.3 | 62.9 | 62.9 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| >=16000 | 46.5 | 60.7 | 61.8 | 62.4 | 63.1 | 63.1 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| >=14000 | 47.4 | 62.1 | 63.2 | 63.8 | 64.4 | 64.4 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| >=12000 | 48.5 | 63.4 | 64.7 | 65.3 | 66.0 | 66.0 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| >=10000 | 49.2 | 64.6 | 65.8 | 66.4 | 67.1 | 67.1 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| >=9000 | 50.1 | 65.8 | 67.1 | 67.7 | 68.4 | 68.4 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| >=8000 | 51.4 | 67.5 | 68.8 | 69.4 | 70.1 | 70.1 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| >=7000 | 52.8 | 69.7 | 71.0 | 71.9 | 72.7 | 72.7 | 73.0 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| >=6000 | 53.3 | 71.2 | 72.6 | 73.6 | 74.3 | 74.3 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| >=5000 | 54.4 | 73.7 | 75.0 | 76.1 | 77.0 | 77.0 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| >=4500 | 55.6 | 75.3 | 77.0 | 78.0 | 78.9 | 78.9 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| >=4000 | 56.2 | 76.3 | 78.0 | 79.1 | 80.0 | 80.0 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| >=3500 | 56.8 | 77.1 | 79.0 | 80.2 | 81.1 | 81.2 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| >=3000 | 57.5 | 78.8 | 80.6 | 81.9 | 82.8 | 82.9 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| >=2500 | 58.3 | 80.3 | 82.2 | 83.4 | 84.5 | 84.6 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| >=2000 | 58.9 | 81.8 | 83.7 | 84.9 | 86.0 | 86.1 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| >=1800 | 59.1 | 82.5 | 84.4 | 85.6 | 86.7 | 86.8 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| >=1500 | 59.8 | 83.3 | 85.3 | 86.6 | 87.7 | 87.8 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| >=1200 | 60.4 | 84.5 | 86.6 | 87.9 | 89.0 | 89.1 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| >=1000 | 60.4 | 84.9 | 87.0 | 88.3 | 89.4 | 89.5 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| >=900 | 60.8 | 85.7 | 88.0 | 89.4 | 90.6 | 90.8 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| >=800 | 61.0 | 85.9 | 88.2 | 89.6 | 90.9 | 91.1 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| >=700 | 61.1 | 86.3 | 88.9 | 90.4 | 91.9 | 92.0 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| >=600 | 61.1 | 86.5 | 89.2 | 90.9 | 92.4 | 92.5 | 93.5 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| >=500 | 61.1 | 86.7 | 89.6 | 91.2 | 92.9 | 93.1 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| >=400 | 61.1 | 87.2 | 90.2 | 92.3 | 94.2 | 94.4 | 95.6 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| >=300 | 61.2 | 87.3 | 90.5 | 92.7 | 94.9 | 95.2 | 97.0 | 97.7 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| >=200 | 61.2 | 87.3 | 90.5 | 92.7 | 94.9 | 95.3 | 97.2 | 98.0 | 98.8 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| >=100 | 61.2 | 87.3 | 90.5 | 92.7 | 94.9 | 95.3 | 97.2 | 98.0 | 98.8 | 99.1 | 99.1 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| >=0 | 61.2 | 87.3 | 90.5 | 92.7 | 94.9 | 95.3 | 97.2 | 98.0 | 98.8 | 99.1 | 99.1 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|--------|--------|--------|---------|---------|---------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1/4 | >=1/8 | >=1/16 | >=1/32 | >=1/64 | >=1/128 | >=1/256 | >=1/512 |
| UNLIMIT | 39.8 | 54.1 | 56.2 | 57.5 | 58.0 | 58.1 | 58.5 | 58.8 | 58.8 | 59.2 | 59.4 | 59.4 | 59.6 | 59.9 | 60.1 | 60.1 | 60.1 |
| >=20000 | 41.9 | 57.1 | 59.3 | 60.6 | 61.1 | 61.2 | 61.7 | 62.0 | 62.0 | 62.4 | 62.6 | 62.6 | 62.7 | 63.1 | 63.3 | 63.3 | 63.3 |
| >=18000 | 42.1 | 57.2 | 59.4 | 60.8 | 61.3 | 61.4 | 61.8 | 62.1 | 62.1 | 62.6 | 62.8 | 62.8 | 63.0 | 63.4 | 63.5 | 63.5 | 63.5 |
| >=16000 | 42.3 | 57.5 | 59.6 | 61.1 | 61.6 | 61.7 | 62.1 | 62.4 | 62.4 | 62.9 | 63.1 | 63.1 | 63.3 | 63.7 | 63.8 | 63.8 | 63.8 |
| >=14000 | 43.2 | 59.0 | 61.2 | 62.7 | 63.4 | 63.4 | 63.9 | 64.3 | 64.3 | 64.7 | 65.0 | 65.0 | 65.1 | 65.5 | 65.7 | 65.7 | 65.7 |
| >=12000 | 44.3 | 60.9 | 63.2 | 64.8 | 65.4 | 65.5 | 66.0 | 66.4 | 66.4 | 66.8 | 67.1 | 67.1 | 67.2 | 67.6 | 67.7 | 67.7 | 67.7 |
| >=10000 | 45.4 | 62.5 | 64.9 | 66.5 | 67.1 | 67.2 | 67.7 | 68.0 | 68.0 | 68.5 | 68.7 | 68.7 | 68.9 | 69.3 | 69.4 | 69.4 | 69.4 |
| >=8000 | 46.2 | 63.7 | 66.1 | 67.8 | 68.4 | 68.5 | 69.0 | 69.4 | 69.4 | 69.8 | 70.0 | 70.0 | 70.2 | 70.6 | 70.7 | 70.7 | 70.7 |
| >=7000 | 47.2 | 65.0 | 67.5 | 69.3 | 69.9 | 70.0 | 70.5 | 70.9 | 70.9 | 71.4 | 71.6 | 71.6 | 71.7 | 72.1 | 72.3 | 72.3 | 72.3 |
| >=6000 | 48.2 | 66.7 | 69.4 | 71.1 | 71.7 | 71.9 | 72.4 | 72.8 | 72.8 | 73.3 | 73.6 | 73.6 | 73.7 | 74.1 | 74.3 | 74.3 | 74.3 |
| >=5000 | 49.3 | 69.0 | 71.8 | 73.8 | 74.4 | 74.6 | 75.2 | 75.6 | 75.6 | 76.1 | 76.3 | 76.3 | 76.5 | 76.9 | 77.0 | 77.0 | 77.0 |
| >=4500 | 50.2 | 70.7 | 73.7 | 75.7 | 76.6 | 76.7 | 77.3 | 77.7 | 77.7 | 78.3 | 78.5 | 78.5 | 78.6 | 79.0 | 79.2 | 79.2 | 79.2 |
| >=4000 | 50.8 | 71.7 | 74.6 | 76.9 | 77.7 | 77.9 | 78.5 | 78.9 | 78.9 | 79.4 | 79.6 | 79.6 | 79.8 | 80.2 | 80.3 | 80.3 | 80.3 |
| >=3500 | 51.8 | 72.9 | 76.0 | 78.3 | 79.1 | 79.3 | 79.9 | 80.3 | 80.3 | 80.8 | 81.0 | 81.0 | 81.2 | 81.6 | 81.7 | 81.7 | 81.7 |
| >=3000 | 51.8 | 73.4 | 76.5 | 78.8 | 79.6 | 79.8 | 80.4 | 80.9 | 80.9 | 81.4 | 81.6 | 81.6 | 81.8 | 82.2 | 82.3 | 82.3 | 82.3 |
| >=2500 | 52.2 | 74.6 | 77.6 | 80.0 | 80.9 | 81.0 | 81.7 | 82.3 | 82.3 | 82.8 | 83.0 | 83.0 | 83.3 | 83.6 | 83.8 | 83.8 | 83.8 |
| >=2000 | 52.9 | 75.5 | 78.6 | 81.3 | 82.1 | 82.3 | 83.1 | 83.6 | 83.6 | 84.2 | 84.6 | 84.6 | 84.8 | 85.2 | 85.3 | 85.3 | 85.3 |
| >=1800 | 53.4 | 76.8 | 80.0 | 82.6 | 83.5 | 83.6 | 84.7 | 85.3 | 85.3 | 85.8 | 86.2 | 86.2 | 86.4 | 86.8 | 86.9 | 86.9 | 86.9 |
| >=1500 | 53.9 | 77.6 | 80.8 | 83.4 | 84.3 | 84.5 | 85.6 | 86.1 | 86.1 | 86.6 | 87.0 | 87.0 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 |
| >=1200 | 54.3 | 78.1 | 81.4 | 84.1 | 85.0 | 85.2 | 86.3 | 86.9 | 86.9 | 87.4 | 87.8 | 87.8 | 88.0 | 88.4 | 88.6 | 88.6 | 88.6 |
| >=1000 | 54.8 | 79.1 | 82.4 | 85.1 | 86.0 | 86.2 | 87.3 | 87.9 | 87.9 | 88.5 | 88.9 | 88.9 | 89.1 | 89.5 | 89.6 | 89.6 | 89.6 |
| >=900 | 54.9 | 79.3 | 82.7 | 85.4 | 86.3 | 86.5 | 87.6 | 88.2 | 88.2 | 88.9 | 89.2 | 89.2 | 89.5 | 89.9 | 90.0 | 90.0 | 90.0 |
| >=800 | 55.1 | 79.8 | 83.3 | 85.9 | 86.9 | 87.1 | 88.3 | 88.9 | 88.9 | 89.6 | 89.9 | 89.9 | 90.2 | 90.6 | 90.7 | 90.7 | 90.7 |
| >=700 | 55.4 | 80.8 | 84.4 | 87.2 | 88.2 | 88.3 | 89.6 | 90.2 | 90.2 | 90.8 | 91.2 | 91.2 | 91.4 | 91.8 | 91.9 | 91.9 | 91.9 |
| >=600 | 55.5 | 81.1 | 84.9 | 87.8 | 88.8 | 88.9 | 90.2 | 90.9 | 90.9 | 91.5 | 91.9 | 91.9 | 92.1 | 92.5 | 92.6 | 92.6 | 92.6 |
| >=500 | 55.5 | 81.6 | 85.7 | 88.6 | 89.8 | 89.9 | 91.3 | 91.9 | 91.9 | 92.5 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 93.7 | 93.7 |
| >=400 | 55.5 | 82.0 | 86.3 | 89.4 | 90.8 | 90.9 | 92.4 | 93.1 | 93.1 | 93.7 | 94.1 | 94.1 | 94.3 | 94.7 | 94.9 | 94.9 | 94.9 |
| >=300 | 55.5 | 82.3 | 86.7 | 90.2 | 91.7 | 91.9 | 93.4 | 94.1 | 94.1 | 94.8 | 95.2 | 95.2 | 95.4 | 95.9 | 96.0 | 96.0 | 96.0 |
| >=200 | 55.5 | 82.4 | 86.8 | 90.3 | 92.0 | 92.4 | 94.1 | 94.9 | 94.9 | 95.6 | 96.0 | 96.0 | 96.2 | 96.7 | 96.9 | 96.9 | 96.9 |
| >=100 | 55.5 | 82.4 | 86.8 | 90.4 | 92.3 | 92.7 | 94.6 | 95.7 | 95.7 | 96.9 | 97.4 | 97.4 | 97.8 | 98.4 | 98.7 | 98.7 | 98.7 |
| >=0 | 55.5 | 82.4 | 86.8 | 90.4 | 92.3 | 92.7 | 94.6 | 95.7 | 95.7 | 97.0 | 97.6 | 97.6 | 98.2 | 99.1 | 99.5 | 99.5 | 99.5 |
| >=0 | 55.5 | 82.4 | 86.8 | 90.4 | 92.3 | 92.7 | 94.6 | 95.7 | 95.7 | 97.0 | 97.6 | 97.6 | 98.2 | 99.4 | 100.0 | 100.0 | 100.0 |

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

| CEILING | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/2 | >=1 | 1/4 | >=1 | >=3/4 | >=5/8 | >=1/2 | >=5/16 | >=1/4 | >=0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| UNLIMIT | 39.2 | 51.9 | 53.6 | 54.7 | 55.4 | 55.4 | 55.7 | 55.8 | 55.8 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.6 | 56.9 |
| >=20000 | 41.8 | 55.3 | 57.1 | 58.2 | 59.0 | 59.0 | 59.3 | 59.4 | 59.4 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 60.0 | 60.2 | 60.6 |
| >=18000 | 42.0 | 55.5 | 57.3 | 58.5 | 59.2 | 59.3 | 59.6 | 59.7 | 59.7 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 | 60.3 | 60.3 | 60.5 | 60.9 |
| >=16000 | 42.2 | 55.8 | 57.7 | 58.8 | 59.5 | 59.6 | 59.9 | 60.0 | 60.0 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.6 | 60.6 | 60.9 | 61.2 |
| >=14000 | 43.1 | 57.1 | 58.9 | 60.1 | 60.9 | 60.9 | 61.3 | 61.4 | 61.4 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 62.0 | 62.0 | 62.2 | 62.6 |
| >=12000 | 44.0 | 58.5 | 60.5 | 61.7 | 62.5 | 62.5 | 62.9 | 63.0 | 63.0 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.8 | 64.2 |
| >=10000 | 45.0 | 60.0 | 62.0 | 63.3 | 64.1 | 64.1 | 64.5 | 64.7 | 64.7 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.3 | 65.5 | 65.9 |
| >=9000 | 45.7 | 61.0 | 63.1 | 64.4 | 65.2 | 65.3 | 65.7 | 65.8 | 65.8 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.7 | 67.1 |
| >=8000 | 46.6 | 62.5 | 64.6 | 66.0 | 66.8 | 67.0 | 67.3 | 67.5 | 67.5 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 68.1 | 68.1 | 68.4 | 68.7 |
| >=7000 | 47.8 | 64.4 | 66.6 | 68.0 | 68.9 | 69.1 | 69.5 | 69.6 | 69.6 | 69.9 | 70.0 | 70.0 | 70.0 | 70.1 | 70.2 | 70.3 | 70.6 | 70.9 |
| >=6000 | 48.7 | 66.0 | 68.3 | 69.8 | 70.8 | 70.9 | 71.4 | 71.5 | 71.5 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.5 | 72.9 |
| >=5000 | 49.8 | 68.0 | 70.5 | 72.1 | 73.1 | 73.3 | 73.8 | 73.9 | 73.9 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 | 74.6 | 74.9 | 75.3 |
| >=4500 | 50.5 | 69.0 | 71.6 | 73.3 | 74.4 | 74.6 | 75.1 | 75.3 | 75.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.9 | 76.0 | 76.3 | 76.6 |
| >=4000 | 51.3 | 70.2 | 72.9 | 74.7 | 75.9 | 76.0 | 76.5 | 76.7 | 76.7 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 | 77.4 | 77.4 | 77.7 | 78.1 |
| >=3500 | 52.1 | 71.4 | 74.2 | 76.0 | 77.1 | 77.3 | 77.9 | 78.0 | 78.0 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.8 | 79.1 | 79.4 |
| >=3000 | 52.8 | 72.9 | 75.7 | 77.6 | 78.8 | 79.0 | 79.6 | 79.8 | 79.8 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.5 | 80.6 | 80.9 | 81.2 |
| >=2500 | 53.6 | 74.3 | 77.3 | 79.2 | 80.5 | 80.7 | 81.4 | 81.6 | 81.6 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.4 | 82.5 | 82.7 | 83.1 |
| >=2000 | 54.3 | 75.7 | 78.8 | 80.8 | 82.1 | 82.3 | 83.1 | 83.3 | 83.3 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 84.1 | 84.1 | 84.4 | 84.8 |
| >=1800 | 54.6 | 76.4 | 79.5 | 81.5 | 82.8 | 83.0 | 83.8 | 84.1 | 84.1 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.9 | 85.2 | 85.5 |
| >=1500 | 55.3 | 77.6 | 80.8 | 82.8 | 84.1 | 84.3 | 85.2 | 85.4 | 85.4 | 85.8 | 86.0 | 86.0 | 86.0 | 86.2 | 86.3 | 86.3 | 86.5 | 86.9 |
| >=1200 | 55.8 | 78.6 | 81.9 | 84.0 | 85.4 | 85.6 | 86.4 | 86.7 | 86.7 | 87.1 | 87.3 | 87.3 | 87.3 | 87.5 | 87.6 | 87.6 | 87.9 | 88.2 |
| >=1000 | 56.2 | 79.5 | 82.8 | 85.0 | 86.5 | 86.7 | 87.6 | 87.8 | 87.9 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.7 | 88.7 | 89.0 | 89.4 |
| >=900 | 56.4 | 80.0 | 83.5 | 85.7 | 87.3 | 87.5 | 88.5 | 88.7 | 88.7 | 89.2 | 89.3 | 89.3 | 89.3 | 89.4 | 89.6 | 89.6 | 89.9 | 90.3 |
| >=800 | 56.6 | 80.5 | 84.1 | 86.4 | 88.1 | 88.3 | 89.3 | 89.6 | 89.6 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.4 | 90.4 | 90.7 | 91.1 |
| >=700 | 56.7 | 81.0 | 84.6 | 87.1 | 88.8 | 89.1 | 90.1 | 90.4 | 90.4 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 91.6 | 92.0 |
| >=600 | 56.7 | 81.4 | 85.2 | 87.8 | 89.7 | 90.1 | 91.2 | 91.6 | 91.6 | 92.0 | 92.2 | 92.2 | 92.2 | 92.4 | 92.5 | 92.5 | 92.8 | 93.1 |
| >=500 | 56.8 | 81.7 | 85.7 | 88.5 | 90.6 | 91.0 | 92.3 | 92.6 | 92.6 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.6 | 93.6 | 93.9 | 94.3 |
| >=400 | 56.9 | 82.1 | 86.2 | 89.2 | 91.5 | 91.9 | 93.4 | 93.9 | 93.9 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 95.0 | 95.3 | 95.7 |
| >=300 | 56.9 | 82.2 | 86.4 | 89.6 | 92.1 | 92.7 | 94.6 | 95.3 | 95.3 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 | 97.1 | 97.4 |
| >=200 | 56.9 | 82.2 | 86.4 | 89.6 | 92.3 | 92.9 | 95.0 | 95.9 | 95.9 | 97.0 | 97.3 | 97.3 | 97.3 | 97.4 | 97.8 | 97.9 | 98.3 | 98.7 |
| >=100 | 56.9 | 82.2 | 86.4 | 89.6 | 92.3 | 92.9 | 95.1 | 95.9 | 96.0 | 97.1 | 97.5 | 97.5 | 97.5 | 97.6 | 98.1 | 98.2 | 98.9 | 99.4 |
| >=0 | 56.9 | 82.2 | 86.4 | 89.6 | 92.3 | 93.0 | 95.1 | 95.9 | 96.0 | 97.1 | 97.5 | 97.5 | 97.5 | 97.6 | 98.1 | 98.3 | 99.0 | 100.0 |

TOTAL NO. OF OBS : 10416

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING | VISIBILITY (STATUTE MILES) | | | | | | | | | |
|---------|----------------------------|------|------|------|------|------|------|------|------|------|
| | >=10 | >=6 | >=5 | >=4 | >=3 | >=2 | 1/2 | >=1 | 1/4 | >=0 |
| UNLIMIT | 38.3 | 53.9 | 56.1 | 57.5 | 58.3 | 58.5 | 58.9 | 59.0 | 59.0 | 59.2 |
| >=20000 | 41.7 | 59.0 | 61.6 | 62.9 | 63.8 | 64.0 | 64.4 | 64.5 | 64.6 | 64.7 |
| >=18000 | 41.9 | 59.3 | 61.8 | 63.2 | 64.1 | 64.3 | 64.7 | 64.8 | 64.9 | 65.0 |
| >=16000 | 42.2 | 59.6 | 62.1 | 63.5 | 64.4 | 64.6 | 65.0 | 65.2 | 65.4 | 65.5 |
| >=14000 | 43.2 | 61.1 | 63.6 | 65.1 | 66.1 | 66.2 | 66.7 | 66.8 | 66.8 | 67.0 |
| >=12000 | 44.5 | 63.1 | 65.8 | 67.3 | 68.3 | 68.5 | 69.0 | 69.1 | 69.1 | 69.3 |
| >=10000 | 45.6 | 65.0 | 67.8 | 69.4 | 70.4 | 70.6 | 71.1 | 71.3 | 71.3 | 71.5 |
| >=9000 | 46.1 | 66.0 | 68.8 | 70.5 | 71.5 | 71.7 | 72.2 | 72.4 | 72.4 | 72.6 |
| >=8000 | 46.8 | 67.3 | 70.2 | 71.9 | 73.0 | 73.2 | 73.7 | 73.9 | 73.9 | 74.1 |
| >=7000 | 47.5 | 68.6 | 71.6 | 73.4 | 74.5 | 74.7 | 75.2 | 75.4 | 75.4 | 75.6 |
| >=6000 | 48.1 | 69.6 | 72.7 | 74.5 | 75.7 | 75.9 | 76.5 | 76.6 | 76.6 | 76.8 |
| >=5000 | 48.9 | 71.0 | 74.2 | 76.1 | 77.3 | 77.5 | 78.1 | 78.2 | 78.3 | 78.5 |
| >=4500 | 49.4 | 71.9 | 75.1 | 77.0 | 78.2 | 78.5 | 79.1 | 79.2 | 79.3 | 79.5 |
| >=4000 | 50.0 | 72.9 | 76.2 | 78.2 | 79.4 | 79.7 | 80.3 | 80.5 | 80.5 | 80.7 |
| >=3500 | 50.8 | 74.1 | 77.4 | 79.5 | 80.8 | 81.0 | 81.6 | 81.8 | 81.8 | 82.1 |
| >=3000 | 51.8 | 75.8 | 79.3 | 81.4 | 82.7 | 83.0 | 83.6 | 83.8 | 83.9 | 84.1 |
| >=2500 | 52.8 | 77.5 | 81.1 | 83.3 | 84.7 | 85.0 | 85.7 | 85.9 | 86.2 | 86.3 |
| >=2000 | 53.7 | 79.0 | 82.7 | 85.0 | 86.5 | 86.8 | 87.5 | 87.7 | 87.8 | 88.0 |
| >=1800 | 53.9 | 79.5 | 82.3 | 85.6 | 87.1 | 87.4 | 88.2 | 88.4 | 88.4 | 88.7 |
| >=1500 | 54.4 | 80.5 | 84.4 | 86.8 | 88.4 | 88.7 | 89.5 | 89.7 | 89.7 | 90.0 |
| >=1200 | 54.9 | 81.5 | 85.5 | 87.9 | 89.6 | 89.9 | 90.7 | 91.0 | 91.0 | 91.3 |
| >=1000 | 55.1 | 82.2 | 86.3 | 88.8 | 90.5 | 90.9 | 91.7 | 92.0 | 92.1 | 92.4 |
| >=900 | 55.2 | 82.6 | 86.8 | 89.3 | 91.1 | 91.5 | 92.4 | 92.7 | 92.7 | 93.0 |
| >=800 | 55.3 | 83.0 | 87.2 | 89.9 | 91.7 | 92.1 | 93.0 | 93.4 | 93.4 | 93.7 |
| >=700 | 55.4 | 83.3 | 87.6 | 90.3 | 92.2 | 92.6 | 93.6 | 94.0 | 94.0 | 94.3 |
| >=600 | 55.5 | 83.5 | 88.0 | 90.8 | 92.8 | 93.2 | 94.4 | 94.7 | 94.7 | 95.1 |
| >=500 | 55.5 | 83.8 | 88.3 | 91.3 | 93.4 | 93.9 | 95.1 | 95.5 | 95.6 | 95.9 |
| >=400 | 55.5 | 83.9 | 88.6 | 91.6 | 93.9 | 94.4 | 95.8 | 96.3 | 96.4 | 96.7 |
| >=300 | 55.5 | 84.0 | 88.7 | 91.9 | 94.2 | 94.8 | 96.4 | 97.0 | 97.1 | 97.6 |
| >=200 | 55.5 | 84.0 | 88.7 | 91.9 | 94.3 | 94.9 | 96.6 | 97.3 | 97.4 | 98.1 |
| >=100 | 55.5 | 84.0 | 88.7 | 91.9 | 94.3 | 95.0 | 96.7 | 97.4 | 97.4 | 98.4 |
| >=0 | 55.5 | 84.0 | 88.7 | 91.9 | 94.3 | 95.0 | 96.7 | 97.4 | 97.4 | 98.5 |

TOTAL NO. OF OBS : 122685

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN PAGE 1

[illegible]

U13880 CHARLESTON, SC
PERIOD OF RECD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
PAGE 2

DRY-BULB 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL OBS
TEMP. (DEG F) W.B. D.B./ DRY WET DEW
W.B. BULB BULB PT.

TOTAL 8.8 32.6 20.1 14.3 9.4 6.3 4.4 2.5 1.1 .3 .1 .0* .0 .0 .0 .0 .0 10412 10412 10412

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.

19 - REL HUM 741624. 57533684. 71.2 21.269 17412
15 - DRY BULB 495917. 25184773. 47.6 12.259 10412
16 - WET BULB 451042. 20953520. 43.3 11.657 10412
17 - DEW PT. 389955. 16919629. 37.5 14.911 17412

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

.0 .0 86.7 46.6 13.7 .6 .0 744
.3 140.9 5.2 .1 .0 .0 744
4.6 281.8 .4 .0 .0 .0 744

| LRY-RULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-9 | % FREQ. | WET BULB TEMPERATURE DEPRESSION (DEG F) | | | | | | | | | | TOTAL O.B./ W.B. | TOTAL OBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|-----|-----|-----|-----|---------|---|---|---|---|---|---|---|---|---|---|------------------------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|-------------|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | | | | | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | DRY BULB | WET BULB | DEW PT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| > 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB PAGE : 2

| JURY-BULB | | FREQ. | WET BULB | TEMPERATURE DEPRESSION (DEG F) | TOTAL | TOTAL OBS | | | | | | | | | | | | | | |
|-----------|-----|-------|----------|--------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-----|-----|-----|
| TEMP. | | | | | D.B./ | DRY WET DEM | | | | | | | | | | | | | | |
| (DEG F) | | | | | W.B. | PULB BULB PT. | | | | | | | | | | | | | | |
| 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | D.B./ | DRY | WET | DEM |

| | 6.6 | 29.4 | 19.7 | 14.0 | 10.8 | 7.8 | 5.6 | 3.6 | 2.0 | 1.0 | .3 | .1 | .0* | .0 | .0 | .0 |
|-------|-----|------|------|------|------|-----|-----|-----|-----|-----|----|----|-----|----|----|----|
| TOTAL | 6.6 | 29.4 | 19.7 | 14.0 | 10.8 | 7.8 | 5.6 | 3.6 | 2.0 | 1.0 | .3 | .1 | .0* | .0 | .0 | .0 |

| ELEMENTIX) | | SUM X | SUM X**2 | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | | |
|------------|------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|-------|
| | | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | TOTAL |
| 28 | - REL HUM | 650660. | 49258012. | 68.6 | 22.019 | 5484 | .0 | 54.6 | 57.2 | 15.4 | 1.0 | .0 |
| 15 | - DRY BULB | 474061. | 25070209. | 50.0 | 12.038 | 5484 | .0 | 3 | 4.6 | .0 | .0 | 672 |
| 16 | - WET BULB | 426085. | 20310757. | 44.9 | 11.127 | 9484 | 1.4 | 235.1 | .5 | .0 | .0 | 672 |
| 17 | - DEW PT. | 365099. | 16020263. | 38.5 | 14.401 | 9485 | | | | | | .0 |

| REL HUM | 650663. | 49258012. | 66.6 | 22.049 | 9484 |
|---------------|---------|-----------|------|--------|------|
| 28 - REL HUM | 650663. | 49258012. | 66.6 | 22.049 | 9484 |
| 15 - DRY BULB | 474061. | 26070209. | 50.0 | 12.036 | 9484 |
| 16 - WET BULB | 426085. | 20315757. | 44.9 | 11.127 | 9484 |
| 17 - DEW PT. | 365099. | 16020263. | 36.5 | 14.401 | 9485 |

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELFV. : 46 FT
MONTH : MAR PAGE : 1

| LRY-BULB TEMP. (DEG F) | 0 | % FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) | | | | | | | | | | | | | | | | TOTAL D.B./ W.B. | TOTAL OBS DRY WET BULB BULB PT. | |
|------------------------------|---|---|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|---------------------------------------|-----|
| | | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | | | |
| >= 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| >= 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 |
| >= 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| >= 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 |
| >= 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 |
| >= 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 0 |
| >= 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 0 |
| >= 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175 | 0 | 0 |
| >= 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 0 | 0 |
| >= 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 302 | 6 | 0 |
| >= 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 386 | 20 | 0 |
| >= 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 562 | 105 | 52 |
| >= 65 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 616 | 246 | 199 |
| >= 63 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 635 | 443 | 376 |
| >= 61 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 750 | 580 | 527 |
| >= 59 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 782 | 654 | 626 |
| >= 57 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 658 | 701 | 636 |
| >= 55 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 659 | 702 | 673 |
| >= 53 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 621 | 636 | 573 |
| >= 51 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 529 | 647 | 526 |
| >= 49 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 540 | 718 | 503 |
| >= 47 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 540 | 667 | 522 |
| >= 45 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 489 | 691 | 538 |
| >= 43 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 461 | 625 | 509 |
| >= 41 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 347 | 541 | 459 |
| >= 39 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 333 | 533 | 461 |
| >= 37 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 211 | 496 | 416 |
| >= 35 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 175 | 320 | 413 |
| >= 33 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 107 | 258 | 401 |
| >= 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 97 | 177 | 410 |
| >= 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 125 | 347 |
| >= 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 62 | 286 |
| >= 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 33 | 299 |
| >= 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 22 | 192 |
| >= 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 10 | 196 |
| >= 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 146 |
| >= 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 100 |
| >= 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 |
| >= 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 51 |
| >= 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| >= 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| >= 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| >= 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| >= 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= -3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MCNTH : MAR
PAGE 2

| DRY-BULB TEMP. (DEG F) | WET BULB TEMPERATURE | | DEPRESSION (DEG F) | | | | TOTAL D.B./ W.B. | TOTAL OBS | | | | | | | | | | | | |
|------------------------------|----------------------|------|--------------------|-------|-------|-------|------------------------|-----------|-------|-------|-------|-------|-------|-------|--------------------|--------------------|--------------|-------|-------|-------|
| | 7-9 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | DRY BULB PT. | WET BULB PT. | TOTAL OBS | | | |
| 0 | 1-2 | 3-4 | 5-6 | 7-9 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | 0.8.7 | 10411 | 10412 | 10413 |
| 5.4 | 28.2 | 17.0 | 12.0 | 10.1 | 8.2 | 6.8 | 5.1 | 3.6 | 2.3 | .9 | .3 | .1 | .0* | .0* | .0* | .0 | 10411 | 10411 | 10412 | 10413 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # ORS | <=0 F | >=32 F | >=67 F | >=73 F | >=80 F | >=93 F | TOTAL |
|---------------|---------|-----------|------|---------|-------|-------|--------|--------|--------|--------|--------|-------|
| 28 - REL HUM | 71393C. | 54246438. | 68.6 | 22.549 | 1C412 | .0 | 13.1 | 144.3 | 55.0 | 13.6 | .0 | 744 |
| 15 - DRY BULB | 588535. | 34617941. | 56.5 | 11.379 | 1C411 | .0 | 31.2 | 26.9 | .4 | .0 | .0 | 744 |
| 16 - WET BULB | 276062. | 27806264. | 50.7 | 10.154 | 1C413 | .2 | 26.9 | .4 | .0 | .0 | .0 | 744 |
| 17 - DEW PT. | 464056. | 22517362. | 44.6 | 13.275 | 1C411 | .1 | 156.6 | 4.4 | .0 | .0 | .0 | 744 |

| | 40 | - | MEAN | NO. OF | HOURS WITH | TEMP. |
|---|-------|--------|--------|--------|------------|--------|
| | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F |
| 0 | 13.1 | 144.3 | 55.0 | 13.8 | 0 | 0 |
| 2 | 31.2 | 26.9 | 4 | 0 | 0 | 0 |
| 1 | 156.6 | 4.4 | 0 | 0 | 0 | 0 |

U13880 CHARLESTON, SC
PERIOD OF RECCD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
PAGE : 1

| CRY-BULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL | | |
|------------------------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------------|-------------|
| | | | | | | | | | | | | | | | | | | D.B./ W.B. | DRY BULB | WET BULB |
| >= 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 8 | 8 | 0 |
| >= 89 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 20 | 20 | 0 |
| >= 87 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 46 | 46 | 0 |
| >= 85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 83 | 83 | 0 |
| >= 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 106 | 106 | 0 |
| >= 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 192 | 192 | 0 |
| >= 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 303 | 303 | 0 |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 371 | 371 | 1 |
| >= 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 428 | 428 | 2 |
| >= 73 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 433 | 433 | 44 |
| >= 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 552 | 552 | 149 |
| >= 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 770 | 770 | 388 |
| >= 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 906 | 906 | 753 |
| >= 65 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 934 | 934 | 919 |
| >= 63 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 809 | 809 | 1083 |
| >= 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 819 | 819 | 958 |
| >= 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 627 | 627 | 902 |
| >= 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 493 | 493 | 772 |
| >= 55 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 469 | 469 | 721 |
| >= 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 407 | 407 | 655 |
| >= 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 327 | 327 | 574 |
| >= 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 295 | 295 | 544 |
| >= 47 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 170 | 170 | 344 |
| >= 45 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 123 | 123 | 299 |
| >= 43 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 80 | 80 | 199 |
| >= 41 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 49 | 49 | 122 |
| >= 39 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 33 | 33 | 80 |
| >= 37 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 14 | 14 | 40 |
| >= 35 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6 | 6 | 26 |
| >= 33 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1 | 1 | 8 |
| >= 31 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 4 |
| >= 29 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 103 |
| >= 27 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 73 |
| >= 25 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 49 |
| >= 23 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 28 |
| >= 19 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 21 |
| >= 17 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 13 |
| >= 15 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 6 |
| >= 13 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 3 |
| TOTAL | 4.1 | 26.0 | 17.3 | 10.8 | 8.3 | 6.2 | 5.0 | 6.0 | 4.5 | 2.3 | 1.6 | 1.0 | .3 | .1 | .0 | .0 | .0 | 10079 | 10079 | 10079 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | TOTAL |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
| | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F |
| 28 - REL HUM | 697134. | 52938340. | 69.2 | 21.641 | 10079 | .0 | .1 | 301.3 | 142.2 | .0 |
| 15 - DRY BULB | 647246. | 42553558. | 64.2 | 9.907 | 10079 | .0 | .1 | 95.5 | 3.4 | .0 |
| 16 - WET BULB | 580534. | 34112058. | 57.6 | 8.179 | 10079 | .0 | .1 | 25.9 | .1 | .0 |
| 17 - DEW PT. | 526464. | 28676550. | 52.2 | 10.809 | 10079 | .0 | .1 | 40.4 | .1 | .0 |

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
PAGE 1

| URY-SULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL OBS | | |
|------------------------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|---------------|-------------------|
| | | | | | | | | | | | | | | | | | | TOTAL W.B. | 0.8./ BULB | WET DEW PT. |
| >= 97 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2 | 2 | 0 |
| >= 95 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12 | 12 | 0 |
| >= 93 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 31 | 31 | 0 |
| >= 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 60 | 60 | 0 |
| >= 89 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 93 | 93 | 0 |
| >= 87 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 181 | 181 | 0 |
| >= 85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 261 | 261 | 0 |
| >= 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 409 | 409 | 0 |
| >= 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 541 | 541 | 0 |
| >= 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 638 | 638 | 4 |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 635 | 635 | 42 |
| >= 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 790 | 790 | 234 |
| >= 73 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 853 | 853 | 652 |
| >= 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1051 | 1051 | 1156 |
| >= 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1102 | 1102 | 1450 |
| >= 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 992 | 992 | 1502 |
| >= 65 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 776 | 776 | 1349 |
| >= 63 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 517 | 517 | 1036 |
| >= 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 401 | 401 | 762 |
| >= 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 346 | 346 | 635 |
| >= 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 248 | 248 | 496 |
| >= 55 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 188 | 188 | 361 |
| >= 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 121 | 121 | 303 |
| >= 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 83 | 83 | 189 |
| >= 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 39 | 39 | 115 |
| >= 47 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 26 | 26 | 69 |
| >= 45 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 6 | 6 | 35 |
| >= 43 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7 | 7 | 13 |
| >= 41 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 4 |
| >= 39 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 2 |
| >= 37 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| >= 35 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 1 |
| >= 33 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| >= 31 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| >= 29 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| >= 27 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| >= 25 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 |
| TOTAL | 4.6 | 26.7 | 18.5 | 11.4 | 8.7 | 8.8 | 6.8 | 5.4 | 3.9 | 2.6 | 1.5 | .8 | .3 | .1 | .0 | .0 | .0 | 10409 | 10409 | 10409 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OPS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | TOTAL |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
| 28 - REL HUM | 767396. | 60288160. | 73.7 | 18.866 | 10409 | | | | | |
| 15 - DRY BULB | 743593. | 53868661. | 71.4 | 8.479 | 10409 | | | | | |
| 16 - WET BULB | 678733. | 44656895. | 65.2 | 6.226 | 10410 | | | | | |
| 17 - DEW PT. | 639453. | 30886089. | 61.4 | 7.610 | 10409 | | | | | |
| | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F |
| | | | | | | .0 | .0 | .0 | .0 | .0 |
| | | | | | | .4 | .4 | .4 | .4 | .4 |
| | | | | | | .0 | .9 | .9 | .9 | .9 |
| | | | | | | 322.1 | 546.9 | 360.2 | 66.6 | 136.1 |
| | | | | | | 3.2 | 3.2 | .1 | .0 | .0 |
| | | | | | | .0 | .0 | .0 | .0 | .0 |
| | | | | | | 10.4 | 215.8 | 10.4 | .0 | .0 |

2 - PSYCHROMETRIC SUMMARY

U13890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
PAGE 1

| LRY-BULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL | | | TOTAL OBS | | |
|------------------------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-----------|-------|-------|
| | | | | | | | | | | | | | | | | | | D.B./ | W.B. | DRY | BULB | WET | DEW |
| >=101 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 99 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 97 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 95 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 93 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 89 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 87 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 73 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 65 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 63 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 55 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 47 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 45 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 43 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 41 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 39 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| >= 37 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| TOTAL | 4.3 | 25.2 | 21.3 | 11.7 | 9.4 | 8.9 | 8.0 | 4.8 | 3.1 | 1.7 | 1.0 | .4 | .1 | .0 | .0 | .0 | .0 | 10072 | 10072 | 10072 | 10072 | 10073 | 10073 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OBS |
|---------------|---------|-----------|------|---------|-------|
| 28 - REL HUM | 770287. | 61607375. | 76.5 | 16.349 | 10071 |
| 15 - DRY BULB | 776322. | 60375304. | 77.1 | 7.313 | 10072 |
| 16 - WET BULB | 716626. | 51223994. | 71.2 | 4.839 | 10072 |
| 17 - DEW PT. | 687742. | 47268076. | 68.3 | 5.565 | 10073 |

| 4C - MEAN NO. OF HOURS WITH TEMP. | | | | | TOTAL | | |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|
| <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | >=93 F | >=93 F |
| .0 | .0 | .0 | .0 | .0 | 14.8 | 14.8 | 720 |
| .6 | .6 | .6 | .6 | .6 | 12.9 | 12.9 | 720 |
| .0 | .0 | .0 | .0 | .0 | 1.1 | 1.1 | 720 |

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : RD 02W ELEV. : 46 FT
MONTH : JUL
PAGE 1

| DRY-BULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL | | TOTAL OBS | |
|------------------------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------|-----------|-------|
| | | | | | | | | | | | | | | | | | | D.B./ W.B. | DRY | WET | DEW |
| >=101 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2 | 2 | 0 | 0 |
| >= 99 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13 | 13 | 0 | 0 |
| >= 97 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 24 | 24 | 0 | 0 |
| >= 95 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 70 | 70 | 0 | 0 |
| >= 93 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 140 | 140 | 0 | 0 |
| >= 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 304 | 304 | 0 | 0 |
| >= 89 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 479 | 479 | 0 | 0 |
| >= 87 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 655 | 655 | 0 | 0 |
| >= 85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 765 | 765 | 0 | 0 |
| >= 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 805 | 805 | 24 | 3 |
| >= 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 862 | 862 | 152 | 7 |
| >= 79 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1096 | 1096 | 638 | 98 |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1294 | 1294 | 1666 | 447 |
| >= 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1482 | 1482 | 2409 | 1421 |
| >= 73 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1284 | 1284 | 2387 | 2688 |
| >= 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 654 | 654 | 1714 | 2631 |
| >= 69 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 293 | 293 | 836 | 1577 |
| >= 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 108 | 108 | 340 | 742 |
| >= 65 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 53 | 53 | 143 | 336 |
| >= 63 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 17 | 17 | 71 | 236 |
| >= 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13 | 13 | 24 | 115 |
| >= 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2 | 2 | 11 | 70 |
| >= 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 29 |
| >= 55 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 8 |
| >= 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 5 |
| >= 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 1 |
| >= 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 1 |
| TOTAL | 4.5 | 25.8 | 23.0 | 12.5 | 9.9 | 9.3 | 7.2 | 4.4 | 2.1 | .9 | .3 | .1 | .1 | .0 | .0 | .0 | .0 | 10415 | 10416 | 10415 | 10415 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | TOTAL |
|---------------|---------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|
| 28 - REL HUM | 820047. | 66740951. | 78.7 | 14.445 | 10415 | <=0 F | <=32 F | >=67 F | >=73 F | >=93 F |
| 15 - DRY BULB | 828131. | 66257575. | 79.5 | 6.324 | 10416 | .0 | .0 | .0 | 662.6 | 17.8 |
| 16 - WET BULB | 771141. | 57217095. | 74.0 | 3.405 | 10415 | .1 | .1 | .1 | 519.8 | .0 |
| 17 - DEW PT. | 746646. | 53657732. | 71.7 | 3.548 | 10415 | .0 | .0 | .0 | 333.2 | .0 |

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : RD 02W ELEV. : 46 FT
MONTH : AUG
PAGE 1

| WRY-BULB TEMP. (DEG F) | | % FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) | | | | | | | | | | | | | | | | | TOTAL OBS | |
|------------------------------|-----|---|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|-------------|--------------|------------|
| 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | D.B./ W.B. | DRY BULB | WET BULB | DEW PT. |
| >= 99 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 4 | 4 | 0 | 0 |
| >= 97 | .0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 7 | 7 | 0 | 0 |
| >= 95 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .2 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 49 | 49 | 0 | 0 |
| >= 93 | .0 | .0 | .0 | .0 | .0 | .0* | .4 | .4 | .2 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | 131 | 131 | 0 | 0 |
| >= 91 | .0 | .0 | .0 | .0 | .0 | .1 | .9 | .4 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 239 | 239 | 0 | 0 |
| >= 89 | .0 | .0 | .0 | .0 | .0 | 1.7 | 1.0 | .2 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 414 | 414 | 0 | 0 |
| >= 87 | .0 | .0 | .0 | .0* | .7 | 2.3 | 2.1 | .2 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 617 | 617 | 0 | 0 |
| >= 85 | .0 | .0 | .1 | .3 | 2.7 | 2.8 | 1.0 | .2 | .0* | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 790 | 790 | 0 | 0 |
| >= 83 | .0 | .0* | .3 | 1.6 | 2.7 | 1.4 | .6 | .3 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 734 | 734 | 8 | 0 |
| >= 81 | .0 | .3 | 1.5 | 3.0 | 1.7 | .5 | .4 | .2 | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | 800 | 800 | 98 | 2 |
| >= 79 | .0* | 1.0 | 4.3 | 2.6 | .8 | .4 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 991 | 991 | 564 | 59 |
| >= 77 | .2 | 3.7 | 5.4 | 1.4 | .4 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1201 | 1201 | 1603 | 367 |
| >= 75 | .8 | 7.7 | 4.6 | .8 | .2 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1499 | 1499 | 2262 | 1416 |
| >= 73 | 1.2 | 7.8 | 2.7 | .6 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1292 | 1292 | 2312 | 2609 |
| >= 71 | 1.4 | 4.5 | 1.7 | .3 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 834 | 834 | 1702 | 2544 |
| >= 69 | .7 | 2.1 | .9 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 394 | 394 | 875 | 1525 |
| >= 67 | .3 | 1.2 | .5 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 232 | 232 | 508 | 774 |
| >= 65 | .1 | .7 | .2 | .0* | .0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 109 | 109 | 253 | 507 |
| >= 63 | .1 | .3 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 50 | 50 | 136 | 282 |
| >= 61 | .0* | .1 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 18 | 18 | 59 | 183 |
| >= 59 | .0 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5 | 5 | 18 | 72 |
| >= 57 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4 | 4 | 11 | 34 |
| >= 55 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 5 | 19 |
| >= 53 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 17 |
| >= 51 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 1 |
| >= 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 1 |
| >= 47 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 0 | 0 | 0 | 2 |
| TOTAL | 5.0 | 29.5 | 22.4 | 10.8 | 9.8 | 8.9 | 6.9 | 4.0 | 1.9 | .6 | .2 | .0* | .0 | .0 | .0 | .0 | 10414 | 10414 | 10414 | 10414 |

| ELEMENT(X) | | SUM X | SUM X**2 | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | | TOTAL | |
|---------------|---------|-------|-----------|------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F | TOTAL |
| 28 - REL HUM | 830936. | | 68424992. | 79.8 | 14.223 | 10414 | .0 | .0 | .0 | 730.7 | 626.4 | 303.9 | 744 |
| 15 - DRY BULB | 819592. | | 64939060. | 78.7 | 6.473 | 10414 | .0 | .1 | .1 | 709.6 | 489.2 | 21.7 | 744 |
| 16 - WET BULB | 766140. | | 56507582. | 73.6 | 3.719 | 10414 | .0 | .0 | .0 | 664.1 | 318.1 | 1.1 | 744 |
| 17 - DEW PT. | 742905. | | 53146253. | 71.3 | 3.789 | 10414 | .0 | .0 | .0 | | | | |

3 - PSYCHROMETRIC SUMMARY

U1380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
PAGE 1

| W.B. | BULB | PI. | TEMP. (DEG F) | | | | | | | | | | | | TOTAL OBS | | | | | | | | |
|-------|------|------|---|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|------|-------|-------|-------|-------|
| | | | 2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEC F) | | | | | | | | | | | | TOTAL | | | | | | | | |
| | | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | 0.8./ | DRY | WET | DEW |
| >= 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 |
| >= 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 | 0 | 0 |
| >= 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 72 | 0 | 0 |
| >= 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 152 | 0 | 0 |
| >= 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285 | 285 | 0 | 0 |
| >= 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 484 | 484 | 0 | 0 |
| >= 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 636 | 636 | 0 | 0 |
| >= 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 596 | 596 | 12 | 0 |
| >= 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 653 | 653 | 105 | 15 |
| >= 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 812 | 812 | 544 | 67 |
| >= 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1051 | 1051 | 1261 | 468 |
| >= 73 | 1.2 | 6.3 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 1238 | 1238 | 1639 | 1236 |
| >= 71 | 1.7 | 6.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1198 | 1198 | 1672 | 1802 |
| >= 69 | 1.2 | 4.4 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 871 | 871 | 1399 | 1696 |
| >= 67 | 0.8 | 2.9 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 633 | 633 | 939 | 1165 |
| >= 65 | 0.6 | 2.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 499 | 499 | 733 | 856 |
| >= 63 | 0.3 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 332 | 332 | 579 | 751 |
| >= 61 | 0.3 | 0.9 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 198 | 198 | 383 | 608 |
| >= 59 | 0.2 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 141 | 141 | 310 | 398 |
| >= 57 | 0.1 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 88 | 88 | 176 | 263 |
| >= 55 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 56 | 56 | 147 | 223 |
| >= 53 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33 | 33 | 89 | 150 |
| >= 51 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 18 | 18 | 45 | 130 |
| >= 49 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3 | 3 | 28 | 96 |
| >= 47 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4 | 4 | 7 | 70 |
| >= 45 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 6 | 44 |
| >= 43 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 1 | 0 | 25 |
| >= 41 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1 | 1 | 2 | 7 |
| >= 39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 6 |
| >= 37 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 1 |
| TOTAL | 6.9 | 32.9 | 19.4 | 10.8 | 9.7 | 8.0 | 6.1 | 3.9 | 1.6 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10076 | 10076 | 10077 | 10077 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OBS |
|---------------|---------|-----------|------|---------|-------|
| 28 - REL HUM | 804906. | 66630524. | 79.9 | 15.233 | 10077 |
| 15 - DRY BULB | 749998. | 56380104. | 74.4 | 7.456 | 10077 |
| 16 - WET BULB | 701499. | 49164599. | 69.6 | 5.636 | 10076 |
| 17 - DEW PT. | 676783. | 45857617. | 67.2 | 6.333 | 10077 |

| 40 - MEAN P.O. OF HOURS WITH TEMP. | | | | | TOTAL | |
|------------------------------------|--------|--------|--------|--------|--------|-------|
| <=0 F | <=32 F | <=67 F | >=73 F | >=80 F | >=93 F | TOTAL |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 720 |
| 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 2.3 | 720 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 720 |

013890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT
PAGE : 1

| WRY-BULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL | | | TOTAL OBS | | |
|------------------------------|-----|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-----------|-------|-------|
| | | | | | | | | | | | | | | | | | | O.B./ | | | WET DEW | | |
| | | | | | | | | | | | | | | | | | | W.B. | | | BULB | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| >= 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| >= 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 7 | 0 | 0 | 0 |
| >= 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 12 | 0 | 0 | 0 |
| >= 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 0 | 0 | 0 |
| >= 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 | 73 | 73 | 0 | 0 | 0 |
| >= 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 139 | 139 | 0 | 0 | 0 |
| >= 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 294 | 294 | 294 | 0 | 0 | 0 |
| >= 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 419 | 419 | 419 | 3 | 3 | 3 |
| >= 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 419 | 419 | 419 | 35 | 35 | 35 |
| >= 75 | 1 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 569 | 569 | 569 | 184 | 184 | 184 |
| >= 73 | 1 | 1.2 | 1.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 612 | 612 | 612 | 320 | 320 | 320 |
| >= 71 | 2 | 2.2 | 1.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 809 | 809 | 809 | 553 | 553 | 553 |
| >= 69 | 5 | 3.0 | 1.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 871 | 871 | 871 | 842 | 842 | 842 |
| >= 67 | 7 | 3.0 | 1.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 830 | 830 | 830 | 966 | 966 | 966 |
| >= 65 | 7 | 3.1 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 785 | 785 | 785 | 947 | 947 | 947 |
| >= 63 | 7 | 3.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 733 | 733 | 733 | 924 | 924 | 924 |
| >= 61 | 7 | 2.9 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 681 | 681 | 681 | 872 | 872 | 872 |
| >= 59 | 5 | 2.5 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 628 | 628 | 628 | 789 | 789 | 789 |
| >= 57 | 4 | 2.2 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 502 | 502 | 502 | 730 | 730 | 730 |
| >= 55 | 4 | 1.8 | 1.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 440 | 440 | 440 | 661 | 661 | 661 |
| >= 53 | 3 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 342 | 342 | 342 | 553 | 553 | 553 |
| >= 51 | 1 | 1.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 299 | 299 | 299 | 482 | 482 | 482 |
| >= 49 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 258 | 258 | 258 | 394 | 394 | 394 |
| >= 47 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 220 | 220 | 220 | 322 | 322 | 322 |
| >= 45 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 153 | 153 | 153 | 305 | 305 | 305 |
| >= 43 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 107 | 107 | 107 | 181 | 181 | 181 |
| >= 41 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 67 | 67 | 67 | 129 | 129 | 129 |
| >= 39 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 53 | 53 | 53 | 93 | 93 | 93 |
| >= 37 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 26 | 26 | 26 | 64 | 64 | 64 |
| >= 35 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 13 | 13 | 13 | 33 | 33 | 33 |
| >= 33 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 13 | 13 | 13 | 18 | 18 | 18 |
| >= 31 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 3 | 3 | 3 | 9 | 9 | 9 |
| >= 29 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 2 | 2 | 2 | 4 | 4 | 4 |
| >= 27 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1 | 1 | 1 | 2 | 2 | 2 |
| >= 25 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= 23 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= 21 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= 19 | 1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 6.3 | 34.2 | 18.3 | 11.0 | 7.7 | 7.0 | 6.5 | 4.2 | 3.1 | 1.1 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | 10415 | 10415 | 10415 | 10415 | 10415 | 10415 |

| CLEMENT (X) | | SUM X | SUM X**2 | MEAN | STD DEV | # OBS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | TOTAL | |
|---------------|---------|-----------|----------|--------|---------|-------|-----------------------------------|--------|--------|--------|--------|--------|
| | | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | >=93 F |
| 28 - REL HUM | 794839. | 64188129. | 76.3 | 18.407 | 10415 | | .0 | .4 | 363.5 | 184.2 | 56.4 | .1 |
| 15 - DRY BULB | 687827. | 45565625. | 65.4 | 10.089 | 10415 | | .1 | 1.1 | 207.4 | 38.7 | .0 | .0 |
| 16 - WET BULB | 628193. | 38690361. | 60.3 | 8.766 | 10415 | | .0 | 13.8 | 129.9 | 15.7 | .0 | .0 |
| 17 - DEW PT. | 590607. | 34576683. | 56.7 | 10.207 | 10415 | | | | | | | |

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV PAGE 1

| DRY-BULB TEMP. (DEG F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | TOTAL D.B./ W.B. | DRY BULB | WET BULB | TOTAL OBS |
|------------------------------|---|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------|-------------|-------------|-----------|
| >= 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 |
| >= 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 | 0 | 0 |
| >= 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 36 | 0 | 0 |
| >= 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 93 | 0 | 0 |
| >= 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 161 | 161 | 0 | 0 |
| >= 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | 209 | 3 | 0 |
| >= 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 298 | 298 | 34 | 2 |
| >= 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 393 | 393 | 143 | 47 |
| >= 69 | 1 | 1.6 | 7 | 7 | 6 | 5 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 494 | 494 | 285 | 161 |
| >= 67 | 4 | 1.6 | 8 | 7 | 5 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 521 | 521 | 426 | 315 |
| >= 65 | 7 | 2.2 | 1.0 | 4 | 4 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 633 | 633 | 515 | 394 |
| >= 63 | 6 | 2.3 | 1.0 | 6 | 4 | 5 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 621 | 621 | 614 | 446 |
| >= 61 | 6 | 2.4 | 1.0 | 6 | 5 | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 650 | 650 | 631 | 522 |
| >= 59 | 5 | 2.2 | 1.0 | 6 | 5 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 624 | 624 | 572 | 545 |
| >= 57 | 5 | 2.0 | 0.9 | 6 | 4 | 3 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 578 | 578 | 628 | 572 |
| >= 55 | 6 | 1.7 | 1.0 | 6 | 5 | 5 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 559 | 559 | 579 | 503 |
| >= 53 | 4 | 1.8 | 1.1 | 6 | 5 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 545 | 545 | 518 | 481 |
| >= 51 | 4 | 1.9 | 0.9 | 7 | 6 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 541 | 541 | 597 | 478 |
| >= 49 | 3 | 1.9 | 1.0 | 6 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 488 | 488 | 606 | 475 |
| >= 47 | 5 | 1.7 | 0.7 | 8 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 448 | 568 | 530 |
| >= 45 | 3 | 1.8 | 1.0 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 436 | 436 | 589 | 442 |
| >= 43 | 4 | 1.4 | 0.9 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 369 | 369 | 554 | 436 |
| >= 41 | 2 | 1.3 | 0.9 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 313 | 313 | 491 | 452 |
| >= 39 | 2 | 1.2 | 0.7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 280 | 280 | 404 | 418 |
| >= 37 | 2 | 0.9 | 0.5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 212 | 212 | 353 | 401 |
| >= 35 | 2 | 1.2 | 0.4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 204 | 299 | 380 |
| >= 33 | 1 | 0.8 | 0.4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | 151 | 247 | 436 |
| >= 31 | 1 | 0.5 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 76 | 170 | 370 |
| >= 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 54 | 111 | 294 |
| >= 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 38 | 70 | 214 |
| >= 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19 | 30 | 221 |
| >= 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 22 | 154 |
| >= 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 144 |
| >= 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 8 | 79 |
| >= 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 2 | 75 |
| >= 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 26 |
| >= 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 |
| >= 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| >= 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| >= 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| >= 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| >= 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| >= 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| >= -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| >= -3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

PSYCHROMETRIC SUMMARY

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV
PAGE 2

DRY-BULB 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL OBS
TEMP. (DEG F) W.B. BULB WET DEW
PT.

TOTAL 7.5 34.3 18.0 11.7 8.4 7.4 5.5 3.6 2.4 .9 .2 .0* .0 .0 .0 .0 .0 10077 10080 10077

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL
28 - REL HUM 743162. 59016230. 73.7 20.439 10077
15 - DRY BULB 570560. 33697690. 56.6 11.795 10080
16 - WET BULB 522259. 28283891. 51.8 10.989 10077
17 - DEW PT. 474399. 24146053. 47.1 13.412 10077

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC PAGE 1

[illegible]

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
PAGE 2

| | | % FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) | | | | | | | | | | TOTAL | | TOTAL OBS | | | | | | | |
|----------|-------|---|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|------|-------|-------|-------|
| DRY-BULB | TEMP. | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 30 | D.B./ | W.B. | DEW |
| (DEG F) | | | | | | | | | | | | | | | | | | | W.B. | BULB | PT. |
| TOTAL | 8.8 | 33.0 | 19.6 | 14.6 | 8.9 | 6.7 | 4.5 | 2.3 | 1.0 | .5 | .1 | .0* | .0 | .0 | .0 | .0 | .0 | .0 | 10415 | 10415 | 10416 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # OBS |
|---------------|---------|-----------|------|---------|-------|
| 28 - REL HUM | 753329. | 58966201. | 72.3 | 20.739 | 10415 |
| 15 - DRY BULB | 517795. | 27257283. | 49.7 | 12.059 | 10415 |
| 16 - WET BULB | 472665. | 22843499. | 45.4 | 11.563 | 10415 |
| 17 - DEW PT. | 416112. | 18810474. | 39.9 | 14.491 | 10416 |

| 40 - MEAN NO. OF HOURS WITH TEMP. | | | | | | | | | | TOTAL | |
|-----------------------------------|-----|--------|------|--------|----|--------|----|--------|----|--------|----|
| <=0 F | | <=32 F | | >=67 F | | >=73 F | | >=80 F | | >=93 F | |
| .0 | .0 | 64.3 | 63.6 | 16.4 | .3 | .0 | .0 | .0 | .0 | .0 | .0 |
| .1 | .1 | 106.2 | 15.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1.4 | 1.4 | 248.3 | 5.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |

U1388G CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN
PAGE 2

| DRY-BULB TEMP. (DEG F) | 1-2 | 3-4 | 5-6 | 7-8 | 2 FREQ. | | TEMPERATURE DEPRESSION (DEG F) | | | | | | | | | | TOTAL D.B./ W.B. | TOTAL OBS | |
|------------------------------|-----|------|------|------|----------|----------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------|-----------|-------------|
| | | | | | WET BULB | WET BULB | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | | > 30 | DRY BULB |
| >= 1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 61 |
| >= -1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 46 |
| >= -3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 34 |
| >= -5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 13 |
| >= -7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5 |
| >= -9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1 |
| >= -11 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1 |
| >= -13 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1 |
| >= -15 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1 |
| TOTAL | 6.1 | 29.6 | 19.5 | 12.1 | 9.3 | 6.0 | 6.4 | 4.7 | 2.5 | 1.3 | .6 | .2 | .1 | .0* | .0* | .0* | .0* | .0* | 122684 |
| | | | | | | | | | | | | | | | | | | | 122682 |
| | | | | | | | | | | | | | | | | | | | 122679 |
| | | | | | | | | | | | | | | | | | | | 122684 |

| ELEMENT(X) | SUM X | SUM X**2 | MEAN | STD DEV | # CRS | 40 - MEAN NO. OF HOURS WITH TEMP. | | | | | TOTAL | |
|---------------|----------|------------|------|---------|--------|-----------------------------------|--------|--------|--------|--------|-------|--------|
| | | | | | | <=0 F | <=32 F | >=67 F | >=73 F | >=80 F | | >=93 F |
| 28 - REL HUM | 9288257. | 719841056. | 74.1 | 19.465 | 122680 | .0 | 234.1 | 4443.5 | 3051.2 | 1324.4 | 51.1 | 8760 |
| 15 - DRY BULB | 7892577. | 535767783. | 64.3 | 15.112 | 122684 | .0 | 412.6 | 360.6 | 1686.3 | 65.5 | .0 | 8760 |
| 16 - WET BULB | 7422523. | 451776535. | 59.0 | 14.049 | 122684 | 2.7 | 412.6 | 360.6 | 1686.3 | 65.5 | .0 | 8760 |
| 7 - NEW DT | 6720221. | 401482781. | 77.7 | 16.493 | 122684 | 7.6 | 1095.5 | 2736.7 | 958.1 | 5.1 | .0 | 8760 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
PAGE 1

| TEMP. (DEG F) | NNW & N | NNE & NE | ENE & E | ESE & SE | WIND DIRECTION SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------------|-------------|------------|-------------|------------------------------|-------------|------------|-------------|------|----------------|---------------|
| >= 77 | 2.0 | 3.9 | .0 | .0 | 13.7 | 39.2 | 31.4 | 9.8 | .0 | 51 | .5 |
| >= 72 | 1.1 | .0 | 1.6 | 3.7 | 20.3 | 40.6 | 25.7 | 7.0 | .0 | 187 | 1.8 |
| >= 67 | 2.2 | 1.4 | 3.1 | 6.8 | 25.4 | 34.1 | 19.1 | 7.5 | .5 | 414 | 4.0 |
| >= 62 | 2.1 | 2.6 | 5.3 | 9.8 | 22.0 | 34.6 | 17.6 | 4.5 | 1.6 | 871 | 8.4 |
| >= 57 | 6.9 | 4.8 | 8.8 | 11.0 | 14.3 | 24.6 | 20.4 | 7.4 | 1.9 | 1127 | 10.8 |
| >= 52 | 10.4 | 12.7 | 12.7 | 7.1 | 8.9 | 17.5 | 16.3 | 10.7 | 3.7 | 1306 | 12.5 |
| >= 47 | 16.2 | 18.0 | 9.4 | 4.9 | 5.7 | 11.7 | 15.6 | 12.5 | 5.9 | 1499 | 14.4 |
| >= 42 | 18.1 | 22.7 | 6.9 | 2.4 | 3.8 | 8.7 | 15.7 | 15.7 | 6.0 | 1598 | 15.3 |
| >= 37 | 23.0 | 21.6 | 3.8 | 1.9 | 3.3 | 6.7 | 17.5 | 15.4 | 6.7 | 1340 | 12.9 |
| >= 32 | 24.7 | 23.2 | 2.3 | .6 | 1.9 | 5.6 | 15.9 | 16.7 | 9.1 | 1004 | 9.6 |
| >= 27 | 26.0 | 18.9 | 1.4 | 1.0 | 2.1 | 4.0 | 18.5 | 14.5 | 13.7 | 628 | 6.0 |
| >= 22 | 29.2 | 14.2 | .7 | .4 | 1.8 | 5.1 | 12.4 | 17.5 | 18.6 | 274 | 2.6 |
| >= 17 | 25.0 | 18.2 | 1.1 | 1.1 | 3.4 | 3.4 | 19.3 | 13.6 | 14.8 | 88 | .8 |
| >= 12 | 9.1 | .0 | .0 | .0 | 9.1 | .0 | 40.9 | 36.4 | 4.5 | 22 | .2 |
| >= 7 | 33.3 | .0 | .0 | .0 | .0 | .0 | 33.3 | 33.3 | .0 | 3 | .0* |
| TOTALS | 15.4 | 15.2 | 6.4 | 4.7 | 8.2 | 14.8 | 17.2 | 12.3 | 5.8 | 10412 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

613880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | WSW | | WNW | | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|------|------|----------------|---------------|
| | E N | N N | E NE | N E | E E | E SE | E S | SSW | SSW | E W | ENW | ENW | ENW | ENW | | | |
| >= 82 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 20.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | .0 | 5 | .1 |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | 16.1 | 42.9 | 33.9 | 33.9 | 7.1 | 7.1 | 7.1 | 7.1 | .0 | 56 | .6 |
| >= 72 | .5 | .5 | 2.3 | 2.3 | 3.2 | 3.2 | 21.1 | 39.4 | 23.9 | 23.9 | 8.7 | 8.7 | 8.7 | 8.7 | .5 | 218 | 2.3 |
| >= 67 | 2.3 | 2.3 | 1.9 | 3.8 | 11.0 | 11.0 | 22.7 | 32.6 | 19.5 | 19.5 | 5.9 | 5.9 | 5.9 | 5.9 | .4 | 528 | 5.6 |
| >= 62 | 3.1 | 2.9 | 5.6 | 5.6 | 11.2 | 11.2 | 24.3 | 31.1 | 15.7 | 15.7 | 5.2 | 5.2 | 5.2 | 5.2 | 1.0 | 1013 | 10.7 |
| >= 57 | 5.7 | 7.1 | 11.0 | 11.0 | 9.8 | 9.8 | 16.9 | 23.5 | 15.8 | 15.8 | 7.8 | 7.8 | 7.8 | 7.8 | 2.5 | 1238 | 13.1 |
| >= 52 | 10.2 | 12.1 | 14.2 | 14.2 | 6.9 | 6.9 | 10.2 | 17.1 | 14.2 | 14.2 | 11.9 | 11.9 | 11.9 | 11.9 | 3.3 | 1257 | 13.3 |
| >= 47 | 15.3 | 19.4 | 11.0 | 11.0 | 4.3 | 4.3 | 7.9 | 11.1 | 15.2 | 15.2 | 11.9 | 11.9 | 11.9 | 11.9 | 3.8 | 1384 | 14.6 |
| >= 42 | 18.7 | 22.3 | 9.9 | 9.9 | 3.8 | 3.8 | 4.5 | 8.5 | 13.6 | 13.6 | 12.5 | 12.5 | 12.5 | 12.5 | 6.1 | 1339 | 14.1 |
| >= 37 | 19.6 | 25.8 | 5.4 | 5.4 | 1.9 | 1.9 | 4.0 | 5.4 | 15.0 | 15.0 | 14.6 | 14.6 | 14.6 | 14.6 | 8.3 | 1052 | 11.1 |
| >= 32 | 20.0 | 22.6 | 2.4 | 2.4 | .9 | .9 | 2.7 | 5.7 | 14.8 | 14.8 | 15.6 | 15.6 | 15.6 | 15.6 | 15.3 | 751 | 7.9 |
| >= 27 | 25.2 | 18.9 | 2.0 | 2.0 | 1.1 | 1.1 | 1.5 | 4.1 | 15.0 | 15.0 | 15.9 | 15.9 | 15.9 | 15.9 | 15.4 | 460 | 4.9 |
| >= 22 | 29.1 | 12.6 | 1.3 | 1.3 | 1.3 | 1.3 | 2.6 | 2.6 | 17.2 | 17.2 | 18.5 | 18.5 | 18.5 | 18.5 | 14.6 | 151 | 1.6 |
| >= 17 | 39.3 | 10.7 | .0 | .0 | .0 | .0 | .0 | .0 | 7.1 | 7.1 | 35.7 | 35.7 | 35.7 | 35.7 | 7.1 | 28 | .3 |
| >= 12 | 50.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | .0 | 4 | .0* |
| TOTALS | 13.0 | 14.7 | 8.1 | 8.1 | 5.6 | 5.6 | 10.5 | 15.8 | 15.5 | 15.5 | 11.3 | 11.3 | 11.3 | 11.3 | 5.5 | 9484 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | WSW | | WNW | | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------|---|------|---|------|---|------|------|----------------|------|------|------|------|------|------|----------------|---------------|
| | E N | N | E NE | N | E E | E | E SE | S | SSE | SSW | E W | W | WNW | W | | | |
| >= 87 | 10.0 | | .0 | | .0 | | 10.0 | 10.0 | 10.0 | 10.0 | 40.0 | 20.0 | 20.0 | .0 | .0 | 10 | .1 |
| >= 82 | 1.1 | | .0 | | .0 | | .0 | 19.3 | 31.8 | 31.8 | 31.8 | 15.9 | 15.9 | .0 | .0 | 88 | .8 |
| >= 77 | 3.0 | | .4 | | 1.9 | | 4.1 | 29.6 | 34.1 | 34.1 | 23.2 | 3.7 | 3.7 | .0 | .0 | 267 | 2.6 |
| >= 72 | 2.2 | | 1.1 | | 2.2 | | 10.0 | 27.8 | 26.9 | 26.9 | 21.6 | 7.6 | 7.6 | .7 | .7 | 551 | 5.3 |
| >= 67 | 3.8 | | 2.3 | | 5.7 | | 11.2 | 27.7 | 27.7 | 27.7 | 14.0 | 7.3 | 7.3 | .5 | .5 | 1103 | 10.6 |
| >= 62 | 4.6 | | 3.8 | | 9.0 | | 10.9 | 23.7 | 26.1 | 26.1 | 13.3 | 7.1 | 7.1 | 1.5 | 1.5 | 1615 | 15.5 |
| >= 57 | 6.8 | | 8.6 | | 14.5 | | 11.9 | 15.6 | 17.5 | 17.5 | 12.6 | 9.5 | 9.5 | 3.0 | 3.0 | 1926 | 17.5 |
| >= 52 | 13.2 | | 14.2 | | 12.9 | | 8.6 | 9.5 | 11.0 | 11.0 | 13.8 | 11.5 | 11.5 | 5.4 | 5.4 | 1566 | 15.0 |
| >= 47 | 17.6 | | 15.9 | | 8.0 | | 5.7 | 9.5 | 9.5 | 9.5 | 15.4 | 11.5 | 11.5 | 7.9 | 7.9 | 1272 | 12.2 |
| >= 42 | 17.6 | | 18.3 | | 6.4 | | 3.3 | 4.9 | 7.3 | 7.3 | 15.9 | 16.2 | 16.2 | 10.2 | 10.2 | 989 | 9.5 |
| >= 37 | 18.7 | | 21.9 | | 5.5 | | 1.2 | 3.6 | 5.9 | 5.9 | 15.2 | 14.7 | 14.7 | 13.2 | 13.2 | 658 | 6.3 |
| >= 32 | 20.7 | | 19.2 | | 2.9 | | .9 | 2.0 | 2.9 | 2.9 | 22.4 | 15.7 | 15.7 | 13.1 | 13.1 | 343 | 3.3 |
| >= 27 | 27.7 | | 15.8 | | 4.0 | | .0 | .0 | 4.0 | 4.0 | 12.9 | 19.8 | 19.8 | 17.8 | 17.8 | 101 | 1.0 |
| >= 22 | 27.3 | | 22.7 | | .0 | | .0 | 9.1 | .0 | .0 | 4.5 | 22.7 | 22.7 | 13.6 | 13.6 | 22 | .2 |
| TOTALS | 10.5 | | 10.4 | | 8.7 | | 8.0 | 15.0 | 16.7 | 16.7 | 15.1 | 10.6 | 10.6 | 5.1 | 5.1 | 10411 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

U13890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
PAGE 1

| TEMP. (DEG F) | NNW & N | | NNE & E | | ENE & E | | ESE & E | | WIND DIRECTION SSE & S | | SSW & SW | | WSW & W | | WNW & NW | | CALM | | TOTAL FREQ. | | % OF TOTAL | |
|------------------|------------|------|------------|------|------------|------|------------|------|------------------------------|------|-------------|------|------------|------|-------------|------|------|------|----------------|-------|---------------|-------|
| | | | | | | | | | | | | | | | | | | | | | | |
| >= 92 | .0 | 8.2 | .0 | 2.7 | .0 | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 100.0 | 17.8 | .0 | .0 | 1 | 73 | .0* | .7 |
| >= 87 | 5.1 | 5.1 | .0 | 2.9 | 1.4 | 2.9 | 2.7 | 4.1 | 18.8 | 13.7 | 24.6 | 49.3 | 30.5 | 17.8 | 9.2 | 9.2 | .7 | .7 | 272 | 272 | 2.7 | 2.7 |
| >= 82 | 4.2 | 4.2 | 2.0 | 2.8 | 2.8 | 2.8 | 8.1 | 18.8 | 27.7 | 28.6 | 28.6 | 15.8 | 15.8 | 6.6 | 6.6 | 6.6 | .5 | .5 | 783 | 783 | 7.8 | 7.8 |
| >= 77 | 4.4 | 4.4 | 2.2 | 7.9 | 7.9 | 7.9 | 13.1 | 26.4 | 25.2 | 25.2 | 25.2 | 14.7 | 14.7 | 5.5 | 5.5 | 5.5 | .5 | .5 | 1112 | 1112 | 11.0 | 11.0 |
| >= 72 | 5.0 | 5.0 | 3.3 | 7.9 | 7.9 | 7.9 | 14.7 | 24.2 | 24.9 | 24.9 | 24.9 | 12.2 | 12.2 | 6.4 | 6.4 | 6.4 | 1.3 | 1.3 | 1977 | 1977 | 19.6 | 19.6 |
| >= 67 | 6.2 | 6.2 | 7.3 | 12.2 | 12.2 | 12.2 | 12.5 | 18.0 | 18.0 | 20.1 | 20.1 | 12.3 | 12.3 | 7.4 | 7.4 | 7.4 | 4.0 | 4.0 | 2211 | 2211 | 21.9 | 21.9 |
| >= 62 | 11.8 | 11.8 | 14.8 | 12.1 | 12.1 | 12.1 | 8.7 | 10.9 | 10.9 | 12.6 | 12.6 | 12.4 | 12.4 | 8.2 | 8.2 | 8.2 | 8.5 | 8.5 | 1471 | 1471 | 14.6 | 14.6 |
| >= 57 | 12.9 | 12.9 | 16.5 | 9.0 | 9.0 | 9.0 | 5.3 | 9.1 | 9.1 | 10.1 | 10.1 | 13.3 | 13.3 | 9.6 | 9.6 | 9.6 | 14.3 | 14.3 | 1044 | 1044 | 10.4 | 10.4 |
| >= 52 | 15.9 | 15.9 | 19.9 | 4.9 | 4.9 | 4.9 | 2.7 | 7.9 | 7.9 | 7.1 | 7.1 | 14.6 | 14.6 | 12.3 | 12.3 | 12.3 | 14.7 | 14.7 | 659 | 659 | 6.5 | 6.5 |
| >= 47 | 21.3 | 21.3 | 15.6 | 2.9 | 2.9 | 2.9 | 1.2 | 5.2 | 5.2 | 3.2 | 3.2 | 13.0 | 13.0 | 14.4 | 14.4 | 14.4 | 23.3 | 23.3 | 347 | 347 | 3.4 | 3.4 |
| >= 42 | 38.9 | 38.9 | 10.2 | .0 | .0 | .0 | .0 | 1.9 | 1.9 | 3.7 | 3.7 | 12.0 | 12.0 | 10.2 | 10.2 | 10.2 | 23.1 | 23.1 | 108 | 108 | 1.1 | 1.1 |
| >= 37 | 52.4 | 52.4 | 14.3 | .0 | .0 | .0 | 4.8 | 9.5 | 9.5 | 9.5 | 9.5 | .0 | .0 | .0 | .0 | .0 | 9.5 | 9.5 | 21 | 21 | .2 | .2 |
| >= 32 | 8.7 | 8.7 | 8.5 | 8.5 | 8.5 | 8.5 | 10.3 | 17.6 | 17.6 | 18.6 | 18.6 | 13.8 | 13.8 | 8.0 | 8.0 | 8.0 | 6.0 | 6.0 | 10079 | 10079 | 100.0 | 100.0 |
| TOTALS | | | | | | | | | | | | | | | | | | | | | | |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HCUPLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | WSW | | WNW | | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------|------|------|------|------|------|------|------|----------------|------|------|------|------|------|------|----------------|---------------|
| | E | N | E | N | E | E | E | S | SSE | SSW | E | W | E | NW | | | |
| >= 97 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 50.0 | 50.0 | .0 | 50.0 | 50.0 | .0 | 2 | .0* |
| >= 92 | 16.9 | 2.8 | .0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 12.7 | 12.7 | 45.1 | 19.7 | 19.7 | .0 | 71 | .7 |
| >= 87 | 7.5 | 2.6 | 2.3 | 3.3 | 3.3 | 3.3 | 3.3 | 18.3 | 18.3 | 22.2 | 22.2 | 29.7 | 14.1 | 14.1 | .0 | 306 | 2.9 |
| >= 82 | 4.8 | 3.1 | 3.1 | 8.9 | 8.9 | 8.9 | 28.5 | 28.5 | 25.6 | 25.6 | 16.1 | 16.1 | 9.0 | 9.0 | .9 | 923 | 8.9 |
| >= 77 | 6.0 | 5.6 | 8.5 | 16.5 | 16.5 | 26.9 | 26.9 | 20.4 | 20.4 | 10.7 | 10.7 | 10.7 | 4.6 | 4.6 | .7 | 1560 | 15.0 |
| >= 72 | 5.0 | 6.1 | 9.9 | 14.3 | 14.3 | 28.8 | 28.8 | 19.9 | 19.9 | 9.4 | 9.4 | 10.0 | 4.6 | 4.2 | 2.5 | 2185 | 21.0 |
| >= 67 | 7.9 | 11.0 | 10.9 | 10.3 | 10.3 | 20.2 | 20.2 | 18.4 | 18.4 | 10.0 | 10.0 | 10.0 | 4.6 | 6.7 | 6.7 | 2603 | 25.0 |
| >= 62 | 14.3 | 18.4 | 9.1 | 5.3 | 5.3 | 11.9 | 11.9 | 12.6 | 12.6 | 6.9 | 6.9 | 8.1 | 6.6 | 11.4 | 11.4 | 1521 | 14.6 |
| >= 57 | 18.5 | 22.6 | 6.8 | 3.5 | 3.5 | 7.0 | 7.0 | 6.9 | 6.9 | 5.9 | 5.9 | 12.0 | 8.5 | 18.1 | 18.1 | 767 | 7.4 |
| >= 52 | 26.3 | 16.8 | 3.1 | 1.1 | 1.1 | 3.4 | 3.4 | 5.9 | 5.9 | 1.0 | 1.0 | 12.1 | 10.9 | 20.7 | 20.7 | 358 | 3.4 |
| >= 47 | 24.2 | 19.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 12.1 | 17.2 | 23.2 | 23.2 | 99 | 1.0 |
| >= 42 | 38.5 | 7.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 7.7 | 7.7 | .0 | 7.7 | 38.5 | 38.5 | 13 | .1 |
| TOTALS | 9.3 | 10.4 | 8.4 | 10.0 | 10.0 | 20.6 | 20.6 | 17.4 | 17.4 | 11.3 | 11.3 | 6.4 | 6.2 | 6.4 | 6.4 | 10408 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VEFSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | WSW | | WNW | | CALM | | TOTAL | | % OF | |
|------------------|------|--|------|--|------|--|------|--|----------------|------|------|------|-------|--|-------|--|-------|--|-------|--|
| | E N | | ENE | | E E | | E SE | | SSE | SSW | E W | ENW | FREQ. | | FREQ. | | TOTAL | | TOTAL | |
| >= 97 | 19.5 | | 7.3 | | 2.4 | | .0 | | 2.4 | 14.6 | 39.0 | 14.6 | .0 | | .0 | | 41 | | .4 | |
| >= 92 | 6.3 | | 2.4 | | 1.2 | | 3.2 | | 11.5 | 26.6 | 34.1 | 13.9 | .8 | | 252 | | 252 | | 2.5 | |
| >= 87 | 5.6 | | 2.6 | | 2.0 | | 8.9 | | 25.2 | 25.5 | 18.8 | 10.6 | .7 | | 808 | | 808 | | 8.0 | |
| >= 82 | 6.1 | | 4.9 | | 8.5 | | 15.2 | | 25.5 | 19.8 | 10.8 | 8.0 | 1.1 | | 1619 | | 1619 | | 16.1 | |
| >= 77 | 6.0 | | 7.2 | | 10.5 | | 13.7 | | 24.9 | 21.2 | 10.9 | 3.2 | 2.4 | | 2278 | | 2278 | | 22.6 | |
| >= 72 | 7.6 | | 12.7 | | 9.9 | | 9.0 | | 20.6 | 19.4 | 10.1 | 3.8 | 6.9 | | 2912 | | 2912 | | 28.9 | |
| >= 67 | 15.7 | | 24.5 | | 7.3 | | 5.2 | | 12.1 | 8.8 | 8.8 | 5.0 | 12.7 | | 1509 | | 1509 | | 15.0 | |
| >= 62 | 27.0 | | 30.6 | | 2.2 | | 1.6 | | 5.8 | 3.2 | 8.0 | 5.0 | 16.7 | | 503 | | 503 | | 5.0 | |
| >= 57 | 32.6 | | 29.5 | | 3.9 | | .8 | | 3.9 | 3.1 | 5.4 | 3.9 | 17.1 | | 129 | | 129 | | 1.3 | |
| >= 52 | 30.0 | | 10.0 | | .0 | | .0 | | .0 | .0 | 5.0 | 20.0 | 35.0 | | 20 | | 20 | | .2 | |
| TOTALS | 9.4 | | 12.0 | | 8.1 | | 9.8 | | 20.2 | 17.9 | 11.4 | 5.5 | 5.8 | | 10071 | | 10071 | | 100.0 | |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS

WIND DIRECTION

(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | | | WSW | | WNW | | CALM | | TOTAL | | Σ OF | |
|------------------|------|---|------|---|-----|---|------|---|----------------|-------|-------|-------|------|---|------|---|------|---|-------|-------|-------|-------|
| | Σ N | ° | Σ NE | ° | Σ E | ° | Σ SE | ° | SSW | SSW | SSW | SSW | Σ W | ° | Σ NW | ° | Σ | ° | FREQ. | TOTAL | TOTAL | TOTAL |
| >=102 | 0 | | 0 | | 0 | | 0 | | 100.0 | 100.0 | 100.0 | 100.0 | 0 | | 0 | | 0 | | 1 | | 0.0* | |
| >= 97 | 15.8 | | 0 | | 0 | | 2.6 | | 13.2 | 13.2 | 13.2 | 13.2 | 47.4 | | 7.9 | | 0 | | 38 | | 0.4 | |
| >= 92 | 4.3 | | 2.9 | | 1.7 | | 4.0 | | 16.3 | 29.1 | 29.1 | 29.1 | 31.1 | | 10.6 | | 0 | | 350 | | 3.4 | |
| >= 87 | 3.9 | | 2.9 | | 4.1 | | 8.5 | | 26.6 | 29.0 | 29.0 | 29.0 | 18.2 | | 5.9 | | 1.1 | | 1298 | | 12.5 | |
| >= 82 | 4.3 | | 5.7 | | 8.6 | | 12.6 | | 25.8 | 25.0 | 25.0 | 25.0 | 12.7 | | 4.1 | | 1.1 | | 1985 | | 19.1 | |
| >= 77 | 4.2 | | 6.3 | | 8.1 | | 9.6 | | 24.8 | 27.2 | 27.2 | 27.2 | 12.7 | | 2.9 | | 4.2 | | 2837 | | 27.2 | |
| >= 72 | 9.4 | | 13.8 | | 7.3 | | 5.8 | | 15.9 | 19.5 | 19.5 | 19.5 | 13.1 | | 4.2 | | 11.2 | | 3154 | | 30.3 | |
| >= 67 | 20.1 | | 22.5 | | 6.0 | | 3.9 | | 8.1 | 8.1 | 8.1 | 8.1 | 5.7 | | 7.6 | | 18.1 | | 668 | | 6.4 | |
| >= 62 | 38.0 | | 21.5 | | 5.1 | | 2.5 | | 2.5 | 0 | 0 | 0 | 3.9 | | 5.1 | | 21.5 | | 79 | | 0.8 | |
| >= 57 | 33.3 | | 16.7 | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | | 16.7 | | 33.3 | | 6 | | 0.1 | |
| TOTALS | 7.1 | | 9.0 | | 7.0 | | 8.2 | | 20.9 | 23.2 | 23.2 | 23.2 | 13.7 | | 4.5 | | 6.2 | | 10416 | | 100.0 | |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG
PAGE 1

| TEMP. (DEG F) | NNW & N | NNE & NE | ENE & E | ESE & SE | WIND DIRECTION | | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------------|-------------|------------|-------------|----------------|-------------|------------|-------------|------|----------------|---------------|
| | | | | | SSE & S | SSW & SW | | | | | |
| >= 97 | 18.2 | .0 | .0 | .0 | 27.3 | 18.2 | 27.3 | 9.1 | .0 | 11 | .1 |
| >= 92 | 8.1 | 1.8 | 2.5 | 3.2 | 17.6 | 23.9 | 30.3 | 12.0 | .7 | 284 | 2.7 |
| >= 87 | 5.4 | 4.4 | 4.5 | 13.0 | 25.8 | 21.4 | 16.1 | 8.6 | .9 | 1166 | 11.2 |
| >= 82 | 7.9 | 11.8 | 11.9 | 12.2 | 24.0 | 16.4 | 9.3 | 4.7 | 1.8 | 1899 | 18.2 |
| >= 77 | 5.8 | 10.0 | 10.3 | 9.4 | 24.6 | 22.0 | 9.5 | 2.8 | 5.3 | 2617 | 25.1 |
| >= 72 | 13.2 | 20.3 | 7.0 | 5.8 | 11.5 | 13.7 | 10.1 | 4.6 | 13.7 | 3282 | 31.5 |
| >= 67 | 27.2 | 31.7 | 5.4 | 2.4 | 4.1 | 3.7 | 2.9 | 5.1 | 17.5 | 969 | 9.3 |
| >= 62 | 34.1 | 35.9 | 2.9 | .0 | 1.8 | 1.8 | 1.8 | 4.7 | 17.1 | 170 | 1.6 |
| >= 57 | 12.5 | 62.5 | 6.3 | .0 | .0 | .0 | .0 | 6.3 | 12.5 | 16 | .2 |
| TOTALS | 11.0 | 15.2 | 8.1 | 8.2 | 14.0 | 16.3 | 10.2 | 4.9 | 8.1 | 10414 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
PAGE 1

| TEMP. (DEG F) | NNW | | NNE | | ENE | | ESE | | WIND DIRECTION | | | | WSW E W | WNW ENW | | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------|---|------|---|------|---|------------|------------|----------------|------------|------|--|------------|------------|-------|------|----------------|---------------|
| | E N | N | E NE | N | E E | E | SSE E S | SSW ESW | SSE E S | SSW ESW | | | | | | | | |
| >= 92 | 8.2 | | 2.0 | | 4.1 | | 2.0 | | 8.2 | | 26.5 | | 38.8 | | 10.2 | .0 | 49 | .5 |
| >= 87 | 6.7 | | 6.4 | | 6.9 | | 12.1 | | 20.6 | | 20.2 | | 18.3 | | 7.7 | 1.2 | 481 | 4.8 |
| >= 82 | 8.1 | | | | 17.5 | | 18.1 | | 18.2 | | 10.3 | | 8.9 | | 5.9 | 1.0 | 1432 | 14.2 |
| >= 77 | 8.8 | | | | 18.5 | | 14.2 | | 19.0 | | 9.8 | | 5.3 | | 3.8 | 2.4 | 1750 | 17.4 |
| >= 72 | 13.1 | | | | 12.6 | | 6.7 | | 13.4 | | 10.0 | | 7.0 | | 3.9 | 9.4 | 2959 | 29.4 |
| >= 67 | 23.3 | | | | 5.9 | | 1.9 | | 3.4 | | 4.5 | | 4.6 | | 4.9 | 12.3 | 2031 | 20.2 |
| >= 62 | 30.4 | | | | 2.0 | | .3 | | .8 | | 1.7 | | 2.4 | | 5.4 | 10.0 | 921 | 9.1 |
| >= 57 | 27.9 | | | | .9 | | .0 | | 2.1 | | 1.2 | | 2.7 | | 5.9 | 12.2 | 337 | 3.3 |
| >= 52 | 37.4 | | | | .0 | | 1.0 | | 1.0 | | 2.0 | | 6.1 | | 8.1 | 13.1 | 99 | 1.0 |
| >= 47 | 80.0 | | | | .0 | | .0 | | .0 | | .0 | | 6.7 | | .0 | .0 | 15 | .1 |
| >= 42 | .0 | | | | .0 | | .0 | | .0 | | .0 | | .0 | | 100.0 | .0 | 2 | .0* |
| TOTALS | 15.8 | | 27.2 | | 11.1 | | 9.0 | | 10.8 | | 8.3 | | 6.6 | | 4.9 | 7.3 | 10076 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

Q13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT
PAGE 1

| TEMP. (DEG F) | NNW & N | NNE & NE | ENE & E | ESE & SE | WIND DIRECTION | | | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------------|-------------|------------|-------------|----------------|-------------|-------------|------------|-------------|------|----------------|---------------|
| | | | | | SSE & S | SSW & SW | SSW & SW | | | | | |
| >= 92 | .0 | .0 | 25.0 | .0 | .0 | .0 | .0 | 75.0 | .0 | .0 | 4 | .0* |
| >= 87 | 2.0 | 4.0 | 2.0 | 6.0 | 16.0 | 24.0 | 24.0 | 32.0 | 14.0 | .0 | 50 | .5 |
| >= 82 | 10.0 | 7.7 | 9.1 | 10.9 | 19.1 | 15.1 | 15.1 | 20.0 | 7.7 | .3 | 350 | 3.4 |
| >= 77 | 9.8 | 15.1 | 16.7 | 16.0 | 13.5 | 11.9 | 11.9 | 10.2 | 5.6 | 1.3 | 994 | 9.5 |
| >= 72 | 12.2 | 19.9 | 17.7 | 11.1 | 13.0 | 9.9 | 9.9 | 8.0 | 5.8 | 2.3 | 1578 | 15.2 |
| >= 67 | 18.8 | 33.5 | 12.9 | 6.3 | 6.9 | 6.2 | 6.2 | 6.0 | 5.6 | 3.7 | 2112 | 20.3 |
| >= 62 | 22.7 | 35.0 | 7.1 | 3.0 | 4.6 | 4.6 | 4.6 | 8.6 | 6.2 | 8.3 | 1886 | 18.1 |
| >= 57 | 26.6 | 31.0 | 4.7 | 1.5 | 3.3 | 4.2 | 4.2 | 7.3 | 7.3 | 12.2 | 1443 | 13.9 |
| >= 52 | 32.6 | 25.9 | 2.2 | 1.4 | 2.6 | 4.3 | 4.3 | 9.5 | 7.3 | 14.2 | 941 | 9.0 |
| >= 47 | 33.4 | 24.5 | 2.1 | 1.0 | 2.1 | 3.6 | 3.6 | 8.6 | 11.7 | 13.1 | 617 | 5.9 |
| >= 42 | 30.9 | 17.5 | .7 | .0 | .7 | 2.7 | 2.7 | 9.6 | 16.2 | 21.6 | 291 | 2.8 |
| >= 37 | 39.1 | 14.8 | .9 | .0 | .0 | .9 | .9 | 12.2 | 6.1 | 26.1 | 115 | 1.1 |
| >= 32 | 51.9 | 14.8 | .0 | .0 | .0 | .0 | .0 | .0 | 14.8 | 18.5 | 27 | .3 |
| >= 27 | 60.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 40.0 | 5 | .0* |
| TOTALS | 21.4 | 26.6 | 9.5 | 5.8 | 7.0 | 6.6 | 6.6 | 8.6 | 6.9 | 7.5 | 10413 | 100.0 |

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV
PAGE 1

| TEMP. (DEG F) | NNW E N | | NNE E NE | | ENE E E | | ESE E SE | | WIND DIRECTION SSE S SSW SSW SSW SSW SSW SSW | | | | WSW E W | | WNW E NW | | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------------|------|-------------|------|------------|------|-------------|------|---|------|------|------|------------|------|-------------|------|------|----------------|---------------|
| | | | | | | | | | SSE | S | SSW | SSW | SSE | S | SSW | SSW | SSW | | |
| >= 82 | 2.7 | 3.3 | 4.4 | 7.2 | 11.8 | 16.0 | 22.7 | 22.7 | 27.0 | 27.0 | 29.7 | 29.7 | 16.2 | 16.2 | 8.1 | 8.1 | .0 | 37 | .4 |
| >= 77 | 3.3 | 6.4 | 7.2 | 11.8 | 16.0 | 22.7 | 22.7 | 27.0 | 17.7 | 17.7 | 22.9 | 22.9 | 19.2 | 19.2 | 8.5 | 8.5 | .0 | 271 | 2.7 |
| >= 72 | 6.4 | 7.5 | 11.8 | 16.0 | 22.7 | 22.7 | 27.0 | 27.0 | 18.2 | 18.2 | 21.4 | 21.4 | 13.9 | 13.9 | 5.5 | 5.5 | .9 | 705 | 7.0 |
| >= 67 | 7.5 | 12.5 | 16.0 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 18.6 | 18.6 | 16.9 | 16.9 | 12.3 | 12.3 | 6.0 | 6.0 | 2.2 | 1210 | 12.0 |
| >= 62 | 12.5 | 16.7 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 10.4 | 10.4 | 14.6 | 14.6 | 13.9 | 13.9 | 6.7 | 6.7 | 4.8 | 1592 | 15.8 |
| >= 57 | 16.7 | 22.5 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 6.5 | 6.5 | 9.6 | 9.6 | 14.1 | 14.1 | 10.1 | 10.1 | 6.2 | 1514 | 15.0 |
| >= 52 | 22.5 | 25.1 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 5.3 | 5.3 | 7.9 | 7.9 | 13.1 | 13.1 | 12.8 | 12.8 | 8.0 | 1395 | 13.8 |
| >= 47 | 25.1 | 30.3 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 3.6 | 3.6 | 6.2 | 6.2 | 14.7 | 14.7 | 12.9 | 12.9 | 11.7 | 1189 | 11.8 |
| >= 42 | 30.3 | 26.4 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 3.0 | 3.0 | 6.2 | 6.2 | 12.6 | 12.6 | 13.3 | 13.3 | 13.8 | 977 | 9.7 |
| >= 37 | 26.4 | 18.8 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 2.2 | 2.2 | 8.1 | 8.1 | 15.8 | 15.8 | 11.1 | 11.1 | 15.8 | 632 | 6.3 |
| >= 32 | 28.5 | 13.4 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 1.3 | 1.3 | 6.1 | 6.1 | 14.4 | 14.4 | 14.9 | 14.9 | 19.2 | 396 | 3.9 |
| >= 27 | 30.7 | 14.2 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | 1.5 | 1.5 | 4.7 | 4.7 | 11.0 | 11.0 | 17.3 | 17.3 | 15.0 | 127 | 1.3 |
| >= 22 | 23.1 | 15.4 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | .0 | .0 | 3.8 | 3.8 | 15.4 | 15.4 | 26.9 | 26.9 | 15.4 | 26 | .3 |
| >= 17 | 25.0 | .0 | 22.7 | 22.7 | 27.0 | 27.0 | 27.0 | 27.0 | .0 | .0 | .0 | .0 | 75.0 | 75.0 | .0 | .0 | .0 | 8 | .1 |
| TOTALS | 18.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 8.4 | 8.4 | 11.3 | 11.3 | 13.9 | 13.9 | 10.1 | 10.1 | 7.8 | 10079 | 100.0 |

NOTES :
= PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
PAGE 1

| TEMP. (DEG F) | NNW & N | | NNE & NE | | ENE & E | | ESE & SE | WIND DIRECTION | | | | WSW & W | | WNW & NW | | CALM | | TOTAL FREQ. | | % OF TOTAL | |
|------------------|------------|------|-------------|-----|------------|------|-------------|----------------|------------|-------------|-------------|------------|------|-------------|------|------|------|----------------|-------|---------------|-------|
| | | | | | | | | | SSE & S | SSW & SW | SSW & SW | | | | | | | | | | |
| >= 82 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 50.0 | 50.0 | 50.0 | 50.0 | .0 | .0 | .0 | .0 | 2 | 2 | .0* | .0* |
| >= 77 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 17.1 | 17.1 | 41.5 | 41.5 | 29.3 | 29.3 | 4.9 | 4.9 | .0 | .0 | 41 | 41 | .4 | .4 |
| >= 72 | 2.2 | 1.1 | 1.1 | 1.9 | 1.9 | 10.9 | 10.9 | 25.5 | 25.5 | 37.5 | 37.5 | 17.6 | 17.6 | 3.4 | 3.4 | .0 | .0 | 267 | 267 | 2.6 | 2.6 |
| >= 67 | 2.6 | 1.2 | 1.2 | 5.5 | 5.5 | 12.4 | 12.4 | 23.9 | 23.9 | 32.7 | 32.7 | 16.5 | 16.5 | 4.1 | 4.1 | 1.0 | 1.0 | 581 | 581 | 5.6 | 5.6 |
| >= 62 | 4.7 | 4.2 | 4.2 | 6.8 | 6.8 | 10.3 | 10.3 | 22.5 | 22.5 | 25.3 | 25.3 | 17.1 | 17.1 | 6.5 | 6.5 | 2.6 | 2.6 | 1061 | 1061 | 10.2 | 10.2 |
| >= 57 | 10.2 | 10.7 | 10.7 | 9.6 | 9.6 | 9.9 | 9.9 | 10.9 | 10.9 | 18.4 | 18.4 | 16.6 | 16.6 | 8.6 | 8.6 | 5.0 | 5.0 | 1249 | 1249 | 12.0 | 12.0 |
| >= 52 | 14.4 | 16.7 | 16.7 | 8.1 | 8.1 | 5.1 | 5.1 | 7.7 | 7.7 | 11.7 | 11.7 | 17.5 | 17.5 | 12.1 | 12.1 | 6.8 | 6.8 | 1476 | 1476 | 14.2 | 14.2 |
| >= 47 | 19.6 | 21.4 | 21.4 | 7.2 | 7.2 | 3.3 | 3.3 | 4.4 | 4.4 | 8.4 | 8.4 | 17.3 | 17.3 | 12.5 | 12.5 | 6.0 | 6.0 | 1494 | 1494 | 14.3 | 14.3 |
| >= 42 | 23.2 | 23.5 | 23.5 | 5.1 | 5.1 | 1.6 | 1.6 | 3.7 | 3.7 | 6.8 | 6.8 | 15.7 | 15.7 | 13.4 | 13.4 | 7.0 | 7.0 | 1520 | 1520 | 14.6 | 14.6 |
| >= 37 | 22.5 | 23.5 | 23.5 | 2.5 | 2.5 | 1.2 | 1.2 | 2.5 | 2.5 | 6.7 | 6.7 | 15.7 | 15.7 | 15.0 | 15.0 | 10.3 | 10.3 | 1150 | 1150 | 11.0 | 11.0 |
| >= 32 | 26.9 | 20.4 | 20.4 | 1.5 | 1.5 | 1.2 | 1.2 | 2.1 | 2.1 | 5.1 | 5.1 | 15.5 | 15.5 | 11.6 | 11.6 | 15.7 | 15.7 | 845 | 845 | 8.1 | 8.1 |
| >= 27 | 24.8 | 19.6 | 19.6 | 1.0 | 1.0 | 1.0 | 1.0 | 2.6 | 2.6 | 5.2 | 5.2 | 13.2 | 13.2 | 15.4 | 15.4 | 17.2 | 17.2 | 500 | 500 | 4.8 | 4.8 |
| >= 22 | 27.8 | 15.9 | 15.9 | .6 | .6 | .6 | .6 | 1.7 | 1.7 | 3.4 | 3.4 | 11.9 | 11.9 | 19.2 | 19.2 | 19.9 | 19.9 | 176 | 176 | 1.7 | 1.7 |
| >= 17 | 26.8 | 4.9 | 4.9 | .0 | .0 | .0 | .0 | .0 | .0 | 7.3 | 7.3 | 4.9 | 4.9 | 36.6 | 36.6 | 19.5 | 19.5 | 41 | 41 | .4 | .4 |
| >= 12 | 37.5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 12.5 | 12.5 | 50.0 | 50.0 | .0 | .0 | 8 | 8 | .1 | .1 |
| >= 7 | 66.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 33.3 | 33.3 | .0 | .0 | 3 | 3 | .0* | .0* |
| TOTALS | 16.6 | 16.1 | 16.1 | 5.6 | 5.6 | 5.0 | 5.0 | 8.5 | 8.5 | 13.1 | 13.1 | 16.3 | 16.3 | 11.3 | 11.3 | 7.4 | 7.4 | 10414 | 10414 | 100.0 | 100.0 |

NOTES : * = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W

ELEV. : 46 FT
MONTH : ANN
PAGE 1

| TEMP. (DEG F) | NNW E N | NNE ENE | ENE E E | ESE ESE | WIND DIRECTION | | WSW E W | WNW ENW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------------|------------|------------|------------|------------|----------------|------------|------------|------------|------|----------------|---------------|
| | | | | | SSE E S | SSW ESW | | | | | |
| >=102 | .0 | .0 | .0 | .0 | .0 | 100.0 | .0 | .0 | .0 | 1 | .0* |
| >= 97 | 17.4 | 3.3 | 1.1 | 1.1 | 9.8 | 15.2 | 40.2 | 12.0 | .0 | 92 | .1 |
| >= 92 | 6.9 | 2.4 | 1.9 | 3.3 | 13.9 | 25.6 | 33.1 | 12.5 | .4 | 1011 | .8 |
| >= 87 | 5.3 | 3.6 | 3.9 | 9.7 | 24.3 | 24.3 | 19.3 | 8.7 | .9 | 4192 | 3.4 |
| >= 82 | 6.3 | 7.5 | 9.9 | 13.1 | 23.8 | 19.4 | 12.4 | 6.2 | 1.2 | 8612 | 7.0 |
| >= 77 | 6.0 | 8.8 | 10.5 | 12.1 | 23.5 | 21.3 | 11.1 | 3.8 | 2.8 | 13505 | 11.0 |
| >= 72 | 9.2 | 14.6 | 9.5 | 8.7 | 17.5 | 17.6 | 11.7 | 4.6 | 7.3 | 19110 | 15.6 |
| >= 67 | 12.6 | 18.3 | 8.4 | 8.1 | 15.2 | 15.5 | 9.6 | 5.6 | 6.7 | 15705 | 12.8 |
| >= 62 | 12.3 | 16.2 | 9.2 | 7.8 | 14.4 | 17.1 | 11.8 | 6.3 | 5.9 | 13443 | 11.0 |
| >= 57 | 13.7 | 16.4 | 9.6 | 7.4 | 10.5 | 14.1 | 13.0 | 8.4 | 6.9 | 11123 | 9.1 |
| >= 52 | 16.7 | 16.9 | 9.2 | 5.3 | 7.5 | 11.3 | 14.0 | 11.1 | 8.1 | 9462 | 7.7 |
| >= 47 | 19.7 | 19.5 | 7.1 | 3.7 | 5.8 | 8.8 | 15.0 | 12.3 | 8.2 | 8228 | 6.7 |
| >= 42 | 21.7 | 21.1 | 5.8 | 2.2 | 3.9 | 7.2 | 14.5 | 14.3 | 9.5 | 7076 | 5.8 |
| >= 37 | 22.7 | 22.2 | 3.6 | 1.3 | 3.1 | 6.3 | 15.8 | 14.2 | 10.6 | 5055 | 4.1 |
| >= 32 | 24.6 | 20.7 | 2.1 | .9 | 2.1 | 5.3 | 15.8 | 14.8 | 13.8 | 3387 | 2.8 |
| >= 27 | 26.0 | 18.6 | 1.6 | .9 | 2.2 | 4.4 | 15.4 | 15.5 | 15.5 | 1821 | 1.5 |
| >= 22 | 28.5 | 14.6 | .8 | .6 | 2.2 | 3.9 | 13.3 | 18.5 | 17.7 | 649 | .5 |
| >= 17 | 27.9 | 12.7 | .6 | .6 | 1.8 | 3.6 | 16.4 | 22.4 | 13.9 | 165 | .1 |
| >= 12 | 20.6 | .0 | .0 | .0 | 5.9 | .0 | 32.4 | 38.2 | 2.9 | 34 | .0* |
| >= 7 | 50.0 | .0 | .0 | .0 | .0 | .0 | 16.7 | 33.3 | .0 | 6 | .0* |
| TOTALS | 13.0 | 15.2 | 8.1 | 7.4 | 13.8 | 15.0 | 12.9 | 8.0 | 6.6 | 122677 | 100.0 |

NOTES :
* = PERCENT < .05

11 - SKY COVER

C13890 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) | | | | TOTAL |
|-------|----------------|---|-----------|--------|----------|-------|
| | | CLEAR | SCATTERED | BROKEN | OVERCAST | |
| JAN | 01 | 35.8 | 13.6 | 11.2 | 39.4 | 1271 |
| | 04 | 34.9 | 12.6 | 11.7 | 40.9 | 1270 |
| | 07 | 26.0 | 15.0 | 17.7 | 41.3 | 1271 |
| | 10 | 23.1 | 15.5 | 19.4 | 42.1 | 1271 |
| | 13 | 21.0 | 16.6 | 21.4 | 41.0 | 1271 |
| | 16 | 20.3 | 19.2 | 18.6 | 41.9 | 1271 |
| | 19 | 25.0 | 21.3 | 14.3 | 39.4 | 1270 |
| | 22 | 30.8 | 19.2 | 12.7 | 37.3 | 1271 |
| | ALL | 27.1 | 16.6 | 15.9 | 40.4 | 10166 |
| FEB | 01 | 40.7 | 17.0 | 9.4 | 32.9 | 1158 |
| | 04 | 36.4 | 13.8 | 12.9 | 36.9 | 1158 |
| | 07 | 25.9 | 17.4 | 17.3 | 39.4 | 1158 |
| | 10 | 22.9 | 15.5 | 18.4 | 42.1 | 1158 |
| | 13 | 21.8 | 17.3 | 21.5 | 39.4 | 1158 |
| | 16 | 21.5 | 20.1 | 19.1 | 39.3 | 1157 |
| | 19 | 24.5 | 21.9 | 16.7 | 36.9 | 1157 |
| | 22 | 34.7 | 19.5 | 11.3 | 34.5 | 1156 |
| | ALL | 28.7 | 17.3 | 15.8 | 38.2 | 9260 |
| MAR | 01 | 36.1 | 14.9 | 13.4 | 35.6 | 1271 |
| | 04 | 34.6 | 13.5 | 13.5 | 38.3 | 1270 |
| | 07 | 23.5 | 17.6 | 18.8 | 40.1 | 1270 |
| | 10 | 25.3 | 17.8 | 18.3 | 38.6 | 1271 |
| | 13 | 21.7 | 19.3 | 22.4 | 36.6 | 1270 |
| | 16 | 20.2 | 20.0 | 21.6 | 38.2 | 1270 |
| | 19 | 21.8 | 22.8 | 19.7 | 35.7 | 1270 |
| | 22 | 35.0 | 17.9 | 14.8 | 32.3 | 1271 |
| | ALL | 27.3 | 18.0 | 17.8 | 36.9 | 10163 |
| APR | 01 | 42.8 | 17.7 | 14.5 | 25.0 | 1230 |
| | 04 | 39.5 | 15.0 | 13.9 | 28.5 | 1230 |
| | 07 | 28.0 | 19.9 | 19.2 | 32.8 | 1230 |
| | 10 | 27.2 | 22.0 | 24.0 | 26.7 | 1230 |
| | 13 | 20.7 | 24.3 | 25.9 | 27.2 | 1229 |
| | 16 | 19.8 | 27.7 | 23.1 | 29.3 | 1230 |
| | 19 | 23.7 | 24.7 | 20.6 | 29.0 | 1230 |
| | 22 | 28.9 | 20.0 | 14.2 | 26.5 | 1230 |
| | ALL | 20.1 | 22.2 | 19.4 | 28.2 | 9839 |

11 - SKY COVER

013880 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FPCIM HOURLY OBSERVATIONS) | | | | TOTAL |
|-------|----------------|--|-----------|--------|----------|-------|
| | | CLEAR | SCATTERED | BROKEN | OVERCAST | |
| MAY | 01 | 34.9 | 20.8 | 18.2 | 26.1 | 1271 |
| | 04 | 30.4 | 23.1 | 18.6 | 28.0 | 1271 |
| | 07 | 21.5 | 21.1 | 24.0 | 33.4 | 1270 |
| | 10 | 19.5 | 22.9 | 29.5 | 28.2 | 1269 |
| | 13 | 9.8 | 26.5 | 34.3 | 29.4 | 1271 |
| | 16 | 10.1 | 31.1 | 28.9 | 30.0 | 1271 |
| | 19 | 14.4 | 26.6 | 25.6 | 33.4 | 1269 |
| | 22 | 28.4 | 25.5 | 19.8 | 26.2 | 1270 |
| | ALL | 21.1 | 24.7 | 24.9 | 29.3 | 10162 |
| JUN | 01 | 29.4 | 27.9 | 17.9 | 24.8 | 1229 |
| | 04 | 25.4 | 27.0 | 23.1 | 24.5 | 1229 |
| | 07 | 15.1 | 26.4 | 29.5 | 29.1 | 1229 |
| | 10 | 13.4 | 24.6 | 36.1 | 25.9 | 1230 |
| | 13 | 4.9 | 28.4 | 39.7 | 27.0 | 1229 |
| | 16 | 5.1 | 33.3 | 35.7 | 25.9 | 1229 |
| | 19 | 10.6 | 25.4 | 31.0 | 33.0 | 1229 |
| | 22 | 21.9 | 30.3 | 20.7 | 27.1 | 1229 |
| | ALL | 15.7 | 27.9 | 29.2 | 27.2 | 9833 |
| JUL | 01 | 24.4 | 27.1 | 24.2 | 24.3 | 1302 |
| | 04 | 22.0 | 32.6 | 24.6 | 20.8 | 1302 |
| | 07 | 10.9 | 30.3 | 32.2 | 26.7 | 1302 |
| | 10 | 8.7 | 26.1 | 41.2 | 24.0 | 1302 |
| | 13 | 1.5 | 24.5 | 48.5 | 25.4 | 1302 |
| | 16 | 2.5 | 30.4 | 40.6 | 26.5 | 1302 |
| | 19 | 7.4 | 23.7 | 32.8 | 36.1 | 1302 |
| | 22 | 19.4 | 27.0 | 24.6 | 29.0 | 1302 |
| | ALL | 12.1 | 27.7 | 33.6 | 26.6 | 10416 |
| AUG | 01 | 29.7 | 27.0 | 20.1 | 23.2 | 1301 |
| | 04 | 29.6 | 29.7 | 19.5 | 21.2 | 1302 |
| | 07 | 15.6 | 30.7 | 27.5 | 26.1 | 1301 |
| | 10 | 11.7 | 28.7 | 37.1 | 22.4 | 1301 |
| | 13 | 2.5 | 28.7 | 43.5 | 25.4 | 1301 |
| | 16 | 3.0 | 32.6 | 39.4 | 25.0 | 1302 |
| | 19 | 8.0 | 28.0 | 33.9 | 30.1 | 1302 |
| | 22 | 23.9 | 27.1 | 24.0 | 25.3 | 1302 |
| | ALL | 15.5 | 29.1 | 30.6 | 24.8 | 10412 |

11 - SKY COVER

C1388C CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) | | | | TOTAL |
|-------|----------------|---|-----------|--------|----------|-------|
| | | CLEAR | SCATTERED | BROKEN | OVERCAST | |
| SEP | 01 | 35.2 | 23.2 | 17.3 | 24.4 | 1260 |
| | 04 | 31.3 | 25.0 | 18.8 | 24.9 | 1260 |
| | 07 | 16.5 | 27.1 | 26.7 | 29.8 | 1260 |
| | 10 | 15.2 | 24.8 | 32.6 | 27.4 | 1260 |
| | 13 | 7.4 | 25.7 | 38.3 | 28.6 | 1259 |
| | 16 | 7.2 | 31.2 | 32.8 | 28.8 | 1259 |
| | 19 | 16.5 | 27.0 | 25.4 | 31.1 | 1260 |
| | 22 | 31.3 | 25.5 | 17.0 | 26.3 | 1260 |
| | ALL | 20.1 | 26.2 | 26.1 | 27.6 | 10078 |
| OCT | 01 | 47.1 | 17.2 | 11.0 | 24.7 | 1301 |
| | 04 | 42.4 | 18.4 | 13.1 | 26.2 | 1302 |
| | 07 | 28.4 | 21.0 | 19.6 | 31.0 | 1302 |
| | 10 | 30.8 | 19.3 | 22.7 | 27.3 | 1302 |
| | 13 | 22.5 | 23.3 | 26.7 | 27.5 | 1302 |
| | 16 | 22.6 | 29.3 | 21.8 | 26.3 | 1302 |
| | 19 | 34.0 | 23.8 | 17.6 | 24.6 | 1302 |
| | 22 | 44.5 | 18.8 | 13.9 | 22.8 | 1302 |
| | ALL | 34.0 | 21.4 | 18.3 | 26.3 | 10415 |
| NOV | 01 | 41.8 | 17.1 | 12.8 | 28.3 | 1260 |
| | 04 | 41.0 | 15.9 | 14.6 | 28.5 | 1260 |
| | 07 | 27.0 | 20.8 | 20.6 | 31.7 | 1260 |
| | 10 | 31.7 | 17.9 | 20.4 | 29.9 | 1260 |
| | 13 | 28.6 | 19.5 | 23.3 | 28.6 | 1260 |
| | 16 | 27.1 | 21.7 | 20.0 | 31.3 | 1260 |
| | 19 | 34.6 | 27.6 | 15.2 | 29.6 | 1260 |
| | 22 | 40.5 | 18.7 | 13.5 | 27.4 | 1260 |
| | ALL | 34.0 | 19.0 | 17.5 | 29.4 | 10080 |
| DEC | 01 | 37.8 | 15.4 | 12.8 | 34.0 | 1301 |
| | 04 | 35.6 | 16.3 | 13.2 | 34.9 | 1302 |
| | 07 | 23.2 | 16.7 | 20.4 | 36.5 | 1302 |
| | 10 | 24.2 | 17.3 | 20.3 | 38.2 | 1301 |
| | 13 | 22.1 | 18.1 | 22.7 | 37.1 | 1302 |
| | 16 | 21.7 | 19.2 | 19.7 | 39.5 | 1302 |
| | 19 | 31.3 | 15.8 | 15.2 | 37.7 | 1302 |
| | 22 | 35.0 | 16.7 | 14.9 | 33.4 | 1301 |
| | ALL | 28.9 | 17.3 | 17.4 | 36.4 | 10413 |

11 - SKY COVER

013880 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) | | | | TOTAL |
|-------|----------------|---|-----------|--------|----------|--------|
| | | CLEAR | SCATTERED | BROKEN | OVERCAST | |
| ANN | 01 | 36.3 | 15.6 | 15.3 | 28.8 | 15155 |
| | 04 | 33.6 | 20.6 | 16.5 | 29.4 | 15156 |
| | 07 | 21.8 | 22.3 | 22.8 | 33.1 | 15155 |
| | 10 | 21.2 | 21.1 | 26.7 | 31.0 | 15155 |
| | 13 | 15.3 | 22.9 | 30.8 | 31.0 | 15154 |
| | 16 | 15.0 | 26.3 | 26.8 | 31.9 | 15155 |
| | 19 | 21.0 | 23.6 | 22.4 | 33.0 | 15153 |
| | 22 | 32.0 | 22.2 | 16.8 | 29.0 | 15154 |
| | ALL | 24.5 | 22.3 | 22.3 | 30.9 | 121237 |

12 - RELATIVE HUMIDITY

613880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|----------------------|-------|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| JAN | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 99.7 | 97.8 | 92.5 | 85.5 | 75.4 | 59.5 | 33.1 | 80.2 | 1301 |
| 04 | 100.0 | 100.0 | 99.9 | 98.5 | 94.8 | 87.6 | 77.2 | 64.5 | 36.7 | 81.7 | 1301 |
| 07 | 100.0 | 100.0 | 99.8 | 99.1 | 96.2 | 88.6 | 79.2 | 64.7 | 37.1 | 82.4 | 1302 |
| 10 | 100.0 | 100.0 | 99.4 | 91.9 | 78.2 | 62.7 | 47.0 | 32.2 | 14.1 | 68.4 | 1302 |
| 13 | 100.0 | 98.4 | 94.6 | 67.6 | 52.1 | 37.2 | 25.6 | 18.8 | 9.0 | 54.9 | 1301 |
| 16 | 100.0 | 97.8 | 83.8 | 66.8 | 52.5 | 39.3 | 26.3 | 17.7 | 8.6 | 54.8 | 1302 |
| 19 | 100.0 | 98.2 | 92.7 | 82.9 | 69.3 | 52.3 | 34.1 | 14.6 | 70.1 | 77.3 | 1301 |
| 22 | 100.0 | 99.7 | 96.9 | 90.6 | 82.2 | 69.7 | 51.8 | 24.2 | 77.3 | 77.3 | 1302 |
| ALL | 100.0 | 99.5 | 95.6 | 88.9 | 80.0 | 69.0 | 56.6 | 42.9 | 22.2 | 71.2 | 10412 |
| FEB | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 100.0 | 97.6 | 91.5 | 83.1 | 71.7 | 55.2 | 28.8 | 78.5 | 1185 |
| 04 | 100.0 | 100.0 | 100.0 | 98.9 | 93.9 | 85.3 | 74.2 | 59.5 | 32.0 | 80.3 | 1186 |
| 07 | 100.0 | 100.0 | 100.0 | 98.6 | 94.8 | 87.2 | 77.2 | 61.1 | 33.6 | 81.1 | 1186 |
| 10 | 100.0 | 100.0 | 97.3 | 85.1 | 68.5 | 52.7 | 39.0 | 26.2 | 12.5 | 63.9 | 1186 |
| 13 | 100.0 | 97.6 | 79.8 | 61.3 | 45.3 | 33.1 | 22.5 | 15.3 | 6.3 | 51.6 | 1186 |
| 16 | 100.0 | 96.5 | 77.1 | 61.1 | 46.4 | 33.2 | 22.5 | 15.6 | 6.8 | 51.4 | 1185 |
| 19 | 100.0 | 99.7 | 97.2 | 88.4 | 76.9 | 61.1 | 44.5 | 28.0 | 12.9 | 66.4 | 1185 |
| 22 | 100.0 | 99.0 | 96.1 | 90.0 | 80.3 | 66.2 | 47.7 | 20.5 | 47.7 | 75.8 | 1185 |
| ALL | 100.0 | 99.2 | 93.8 | 85.9 | 75.9 | 64.5 | 52.2 | 38.6 | 19.2 | 68.6 | 9484 |
| MAR | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 99.5 | 97.1 | 92.1 | 86.3 | 77.5 | 62.0 | 31.6 | 80.5 | 1302 |
| 04 | 100.0 | 100.0 | 99.7 | 98.6 | 94.3 | 88.0 | 79.9 | 65.3 | 38.5 | 82.4 | 1300 |
| 07 | 100.0 | 100.0 | 100.0 | 98.6 | 95.8 | 89.0 | 80.6 | 65.2 | 39.0 | 82.6 | 1301 |
| 10 | 100.0 | 100.0 | 94.9 | 78.6 | 64.1 | 47.7 | 31.6 | 20.6 | 9.1 | 60.4 | 1302 |
| 13 | 100.0 | 97.7 | 79.5 | 58.9 | 42.2 | 29.8 | 19.0 | 12.9 | 5.5 | 50.0 | 1302 |
| 16 | 100.0 | 96.7 | 78.5 | 62.1 | 45.8 | 31.3 | 20.7 | 13.5 | 5.5 | 51.0 | 1302 |
| 19 | 100.0 | 99.4 | 95.5 | 86.9 | 74.5 | 59.3 | 41.2 | 27.5 | 9.9 | 65.1 | 1301 |
| 22 | 100.0 | 99.9 | 98.9 | 95.4 | 90.0 | 82.3 | 70.3 | 48.6 | 21.3 | 76.5 | 1302 |
| ALL | 100.0 | 99.2 | 93.3 | 84.6 | 74.0 | 64.2 | 52.6 | 39.5 | 20.0 | 68.6 | 10412 |
| APR | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 99.6 | 98.5 | 95.3 | 90.5 | 83.7 | 70.1 | 33.7 | 82.9 | 1260 |
| 04 | 100.0 | 100.0 | 99.9 | 98.9 | 97.1 | 93.7 | 86.2 | 74.2 | 41.3 | 85.1 | 1260 |
| 07 | 100.0 | 100.0 | 100.0 | 99.4 | 97.1 | 92.6 | 82.9 | 69.6 | 32.9 | 83.4 | 1260 |
| 10 | 100.0 | 99.8 | 95.5 | 81.3 | 61.1 | 40.6 | 22.6 | 12.5 | 4.0 | 57.1 | 1260 |
| 13 | 100.0 | 98.4 | 83.3 | 60.7 | 41.6 | 23.3 | 13.3 | 7.5 | 2.6 | 48.6 | 1260 |
| 16 | 100.0 | 97.7 | 84.3 | 66.5 | 49.6 | 27.7 | 16.6 | 8.9 | 2.8 | 51.0 | 1259 |
| 19 | 100.0 | 99.4 | 96.3 | 89.2 | 78.5 | 64.8 | 42.5 | 23.5 | 6.5 | 65.6 | 1260 |
| 22 | 100.0 | 99.8 | 99.6 | 97.5 | 93.5 | 89.0 | 79.0 | 59.0 | 20.8 | 79.5 | 1260 |
| ALL | 100.0 | 99.4 | 94.8 | 86.5 | 76.6 | 65.3 | 53.3 | 40.7 | 18.1 | 69.2 | 10079 |

12 - RELATIVE HUMIDITY

W13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH HOURS (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|----------------------|-------|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| MAY | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.7 | 94.2 | 83.6 | 43.3 | 88.0 | 1302 |
| 04 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.2 | 96.3 | 88.0 | 52.7 | 89.9 | 1301 |
| 07 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 97.0 | 89.8 | 74.3 | 29.4 | 84.9 | 1301 |
| 10 | 100.0 | 100.0 | 99.1 | 92.6 | 76.4 | 52.2 | 27.3 | 10.2 | 2.3 | 61.4 | 1300 |
| 13 | 100.0 | 100.0 | 94.9 | 77.3 | 54.8 | 32.1 | 14.8 | 6.9 | 2.1 | 53.6 | 1302 |
| 16 | 100.0 | 99.9 | 95.1 | 81.2 | 63.1 | 41.5 | 20.4 | 10.8 | 3.5 | 57.1 | 1302 |
| 19 | 100.0 | 100.0 | 99.8 | 97.8 | 90.9 | 77.7 | 55.2 | 26.6 | 7.1 | 70.9 | 1300 |
| 22 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 97.2 | 90.7 | 71.3 | 24.5 | 84.0 | 1301 |
| ALL | 100.0 | 100.0 | 98.6 | 93.6 | 85.3 | 74.4 | 61.1 | 46.5 | 20.6 | 73.7 | 10409 |
| JUN | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.3 | 97.5 | 90.4 | 42.1 | 89.1 | 1259 |
| 04 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.3 | 92.7 | 53.5 | 90.9 | 1259 |
| 07 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 95.3 | 79.3 | 27.7 | 86.0 | 1259 |
| 10 | 100.0 | 100.0 | 99.9 | 98.3 | 91.0 | 68.1 | 30.9 | 10.9 | 2.1 | 65.6 | 1260 |
| 13 | 100.0 | 100.0 | 99.4 | 92.1 | 71.5 | 40.1 | 18.0 | 8.8 | 2.6 | 58.7 | 1258 |
| 16 | 100.0 | 100.0 | 99.2 | 92.5 | 78.6 | 54.5 | 26.5 | 12.5 | 3.9 | 62.3 | 1259 |
| 19 | 100.0 | 100.0 | 100.0 | 99.1 | 85.3 | 61.6 | 30.8 | 10.6 | 7.3 | 73.7 | 1259 |
| 22 | 100.0 | 100.0 | 100.0 | 99.9 | 89.8 | 75.9 | 55.6 | 28.2 | 85.6 | 76.5 | 1258 |
| ALL | 100.0 | 100.0 | 99.8 | 97.7 | 92.5 | 80.6 | 65.5 | 50.2 | 20.9 | 76.5 | 10071 |
| JUL | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 91.4 | 47.1 | 89.9 | 1302 |
| 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 94.3 | 56.0 | 91.4 | 1302 |
| 07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.8 | 87.8 | 28.1 | 87.5 | 1302 |
| 10 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 84.3 | 37.7 | 11.1 | 2.7 | 68.9 | 1301 |
| 13 | 100.0 | 100.0 | 100.0 | 97.5 | 85.2 | 60.8 | 20.4 | 9.8 | 2.7 | 62.1 | 1302 |
| 16 | 100.0 | 100.0 | 99.8 | 98.5 | 89.2 | 64.7 | 32.3 | 16.1 | 6.3 | 66.2 | 1302 |
| 19 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 93.9 | 73.0 | 35.9 | 10.6 | 77.0 | 1302 |
| 22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 92.0 | 32.0 | 86.8 | 1302 |
| ALL | 100.0 | 100.0 | 100.0 | 99.5 | 96.4 | 86.7 | 69.9 | 53.5 | 23.2 | 78.7 | 10415 |
| AUG | | | | | | | | | | | |
| 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 95.5 | 50.0 | 90.7 | 1302 |
| 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.5 | 59.1 | 92.2 | 1302 |
| 07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 94.8 | 42.2 | 90.0 | 1301 |
| 10 | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 89.6 | 41.6 | 13.2 | 3.1 | 70.2 | 1302 |
| 13 | 100.0 | 100.0 | 100.0 | 98.6 | 88.5 | 50.7 | 20.2 | 9.3 | 3.2 | 62.6 | 1301 |
| 16 | 100.0 | 100.0 | 100.0 | 99.6 | 90.2 | 64.3 | 30.3 | 15.7 | 4.9 | 66.0 | 1302 |
| 19 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 82.6 | 40.8 | 9.8 | 76.7 | 1302 |
| 22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.0 | 32.7 | 87.8 | 1302 |
| ALL | 100.0 | 100.0 | 100.0 | 99.8 | 97.1 | 87.7 | 71.6 | 56.9 | 25.6 | 79.8 | 10414 |

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. | |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|-------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90% |
| SEP | 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.3 | 91.2 | 50.7 | 90.3 | 1260 |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 97.9 | 93.4 | 60.2 | 91.6 | 1260 |
| | 07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.1 | 91.6 | 51.4 | 90.5 | 1260 |
| | 10 | 100.0 | 100.0 | 100.0 | 99.8 | 96.3 | 84.2 | 47.7 | 20.2 | 5.2 | 70.9 | 1260 |
| | 13 | 100.0 | 100.0 | 100.0 | 97.1 | 63.0 | 48.1 | 23.3 | 11.5 | 4.3 | 62.3 | 1259 |
| | 16 | 100.0 | 100.0 | 99.9 | 97.5 | 86.0 | 61.4 | 30.7 | 15.7 | 5.6 | 65.2 | 1258 |
| | 19 | 100.0 | 100.0 | 100.0 | 99.8 | 96.7 | 85.4 | 50.6 | 12.9 | 12.9 | 80.2 | 1260 |
| | 22 | 100.0 | 100.0 | 99.9 | 99.9 | 99.9 | 96.5 | 86.3 | 35.8 | 35.8 | 87.9 | 1260 |
| | ALL | 100.0 | 100.0 | 99.3 | 99.3 | 95.6 | 86.0 | 72.0 | 57.6 | 28.3 | 79.9 | 10077 |
| | OCT | 01 | 100.0 | 100.0 | 100.0 | 99.5 | 99.1 | 97.1 | 93.5 | 82.3 | 45.1 | 87.9 |
| 04 | | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 97.5 | 93.5 | 83.8 | 50.7 | 88.8 | 1302 |
| 07 | | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.0 | 93.9 | 84.1 | 48.2 | 88.6 | 1302 |
| 10 | | 100.0 | 100.0 | 99.9 | 95.9 | 64.0 | 65.0 | 42.2 | 20.4 | 5.7 | 66.7 | 1302 |
| 13 | | 100.0 | 99.9 | 95.9 | 81.2 | 58.8 | 36.5 | 19.7 | 9.8 | 3.5 | 56.0 | 1302 |
| 16 | | 100.0 | 99.8 | 96.4 | 82.3 | 62.7 | 41.9 | 24.1 | 11.8 | 4.5 | 58.0 | 1302 |
| 19 | | 100.0 | 100.0 | 99.9 | 99.6 | 98.4 | 94.3 | 78.2 | 49.3 | 12.7 | 78.8 | 1302 |
| 22 | | 100.0 | 100.0 | 100.0 | 99.8 | 98.9 | 97.2 | 92.1 | 77.5 | 33.0 | 85.8 | 1302 |
| ALL | | 100.0 | 100.0 | 99.0 | 94.8 | 67.6 | 78.4 | 67.1 | 52.4 | 25.4 | 76.3 | 10415 |
| NOV | | 01 | 100.0 | 100.0 | 100.0 | 99.4 | 97.0 | 92.3 | 85.7 | 71.0 | 41.4 | 84.7 |
| | 04 | 100.0 | 100.0 | 100.0 | 99.7 | 98.3 | 94.3 | 86.9 | 73.8 | 44.9 | 85.7 | 1259 |
| | 07 | 100.0 | 100.0 | 100.0 | 99.8 | 98.7 | 95.6 | 88.9 | 74.9 | 43.8 | 86.3 | 1259 |
| | 10 | 100.0 | 100.0 | 99.0 | 92.1 | 77.1 | 59.1 | 40.9 | 24.8 | 9.8 | 65.8 | 1260 |
| | 13 | 100.0 | 99.2 | 88.4 | 69.0 | 49.6 | 31.0 | 18.7 | 11.6 | 4.4 | 52.7 | 1260 |
| | 16 | 100.0 | 99.2 | 88.8 | 71.8 | 55.6 | 39.6 | 24.1 | 14.7 | 5.7 | 55.5 | 1260 |
| | 19 | 100.0 | 100.0 | 99.6 | 98.3 | 94.1 | 84.4 | 69.0 | 47.5 | 16.0 | 76.5 | 1260 |
| | 22 | 100.0 | 100.0 | 100.0 | 99.1 | 96.4 | 91.2 | 82.6 | 65.2 | 34.0 | 82.7 | 1260 |
| | ALL | 100.0 | 99.8 | 97.0 | 91.1 | 63.3 | 73.4 | 62.1 | 47.9 | 25.0 | 73.7 | 10077 |
| | DEC | 01 | 100.0 | 100.0 | 99.9 | 99.3 | 94.7 | 87.1 | 76.1 | 62.0 | 34.9 | 81.4 |
| 04 | | 100.0 | 100.0 | 99.9 | 99.4 | 96.7 | 90.1 | 78.6 | 63.5 | 36.8 | 82.5 | 1301 |
| 07 | | 100.0 | 100.0 | 100.0 | 99.4 | 96.5 | 90.9 | 81.3 | 66.3 | 38.3 | 83.3 | 1302 |
| 10 | | 100.0 | 100.0 | 99.6 | 93.2 | 79.4 | 60.8 | 45.7 | 30.9 | 14.7 | 68.2 | 1302 |
| 13 | | 100.0 | 98.8 | 89.2 | 69.4 | 53.4 | 36.8 | 24.3 | 16.5 | 7.1 | 54.9 | 1302 |
| 16 | | 100.0 | 98.3 | 86.8 | 69.8 | 53.5 | 40.2 | 26.6 | 17.2 | 8.5 | 55.5 | 1302 |
| 19 | | 100.0 | 99.9 | 99.3 | 96.8 | 88.0 | 74.1 | 58.7 | 40.6 | 16.6 | 73.2 | 1302 |
| 22 | | 100.0 | 100.0 | 99.8 | 98.2 | 93.1 | 85.3 | 73.7 | 57.7 | 29.7 | 79.7 | 1302 |
| ALL | | 100.0 | 99.6 | 96.7 | 90.7 | 61.5 | 70.6 | 58.1 | 44.3 | 23.3 | 72.3 | 10415 |

12 - RELATIVE HUMIDITY

01380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH HOURS (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|----------------------|-------|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| ANN | 100.0 | 100.0 | 99.9 | 99.1 | 96.8 | 93.3 | 87.7 | 76.3 | 40.2 | 85.4 | 15335 |
| 01 | 100.0 | 100.0 | 100.0 | 99.5 | 97.8 | 94.6 | 89.1 | 79.4 | 46.9 | 86.9 | 15333 |
| 04 | 100.0 | 100.0 | 100.0 | 99.6 | 98.2 | 94.7 | 88.8 | 76.2 | 37.7 | 85.6 | 15335 |
| 07 | 100.0 | 100.0 | 98.7 | 92.5 | 81.1 | 64.0 | 37.9 | 19.4 | 7.1 | 65.7 | 15337 |
| 10 | 100.0 | 99.2 | 91.2 | 77.7 | 60.6 | 37.5 | 20.0 | 11.5 | 4.4 | 55.7 | 15335 |
| 13 | 100.0 | 98.8 | 90.9 | 79.3 | 64.5 | 45.1 | 25.1 | 14.2 | 5.6 | 57.9 | 15335 |
| 16 | 100.0 | 99.9 | 98.8 | 95.8 | 90.0 | 80.0 | 62.1 | 36.3 | 11.4 | 73.1 | 15334 |
| 19 | 100.0 | 100.0 | 99.8 | 98.6 | 96.0 | 92.0 | 84.6 | 67.7 | 28.1 | 82.5 | 15336 |
| 22 | 100.0 | 99.7 | 97.4 | 92.7 | 85.6 | 75.1 | 61.9 | 47.6 | 22.7 | 74.1 | 122680 |
| ALL | 100.0 | 99.7 | 97.4 | 92.7 | 85.6 | 75.1 | 61.9 | 47.6 | 22.7 | 74.1 | 122680 |

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | TSTM | RAIN E/OP GRIZZLE | FREEZE RAIN E FREEZE DRIZZLE | S'NOW E/OP SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE E/OP HAZE | BLOWING SNOW | DUST E/OP SAND | % OBS. W/OBSI VISION | TOTAL NO. OF OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|------------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| JAN | G1 | .2 | 9.6 | .1 | .2 | .0 | 9.7 | 19.2 | 12.3 | .0 | .0 | 25.6 | 1276 |
| | G4 | .0 | 10.6 | .4 | .2 | .0 | 11.0 | 20.8 | 12.2 | .0 | .2 | 27.3 | 1275 |
| | G7 | .0 | 12.0 | .4 | .2 | .0 | 12.7 | 23.8 | 13.9 | .0 | .0 | 31.0 | 1279 |
| | 10 | .1 | 10.9 | .1 | .4 | .2 | 11.4 | 15.7 | 15.9 | .0 | .0 | 28.4 | 1279 |
| | 13 | .2 | 10.5 | .2 | .0 | .0 | 10.7 | 9.7 | 8.5 | .0 | .0 | 16.4 | 1273 |
| | 16 | .1 | 9.7 | .2 | .2 | .1 | 10.0 | 8.4 | 8.8 | .0 | .1 | 15.3 | 1275 |
| | 19 | .2 | 9.1 | .2 | .1 | .0 | 9.3 | 10.7 | 10.4 | .0 | .0 | 18.4 | 1274 |
| | 22 | .2 | 10.0 | .2 | .2 | .0 | 9.9 | 14.0 | 12.5 | .0 | .0 | 22.0 | 1275 |
| | ALL | .1 | 10.3 | .2 | .2 | .0 | 10.6 | 15.3 | 11.8 | .0 | .0 | 23.1 | 10206 |
| FEB | G1 | .2 | 9.6 | .2 | .3 | .2 | 9.8 | 13.9 | 11.3 | .0 | .3 | 21.7 | 1162 |
| | G4 | .1 | 11.1 | .3 | .2 | .2 | 11.4 | 17.8 | 10.8 | .0 | .2 | 24.3 | 1166 |
| | G7 | .3 | 10.9 | .3 | .4 | .0 | 11.3 | 22.7 | 11.2 | .0 | .1 | 28.6 | 1166 |
| | 10 | .4 | 10.2 | .3 | .3 | .3 | 10.7 | 13.4 | 13.1 | .0 | .1 | 24.1 | 1164 |
| | 13 | .2 | 9.2 | .1 | .3 | .3 | 9.7 | 6.8 | 9.3 | .0 | .1 | 14.7 | 1160 |
| | 16 | .3 | 9.5 | .1 | .2 | .1 | 9.5 | 6.1 | 10.5 | .0 | .2 | 15.8 | 1161 |
| | 19 | .3 | 9.0 | .3 | .1 | .0 | 9.3 | 8.7 | 13.0 | .1 | .3 | 19.7 | 1160 |
| | 22 | .0 | 9.5 | .2 | .4 | .2 | 10.0 | 10.6 | 12.3 | .1 | .3 | 20.3 | 1160 |
| | ALL | .2 | 9.9 | .2 | .3 | .2 | 10.2 | 12.5 | 11.5 | .0 | .2 | 21.2 | 9299 |
| MAR | G1 | .1 | 10.2 | .2 | .1 | .0 | 10.4 | 14.8 | 10.0 | .0 | .2 | 20.7 | 1277 |
| | G4 | .5 | 10.2 | .3 | .0 | .0 | 10.2 | 19.4 | 11.5 | .0 | .1 | 24.6 | 1275 |
| | G7 | .5 | 10.4 | .3 | .0 | .0 | 10.4 | 25.3 | 14.5 | .0 | .2 | 31.9 | 1275 |
| | 10 | .7 | 8.7 | .3 | .3 | .1 | 8.9 | 9.9 | 10.8 | .0 | .1 | 18.6 | 1275 |
| | 13 | .3 | 8.3 | .3 | .1 | .0 | 8.4 | 5.3 | 7.5 | .0 | .1 | 11.8 | 1276 |
| | 16 | .6 | 8.9 | .3 | .1 | .0 | 8.9 | 5.4 | 8.1 | .0 | .4 | 12.7 | 1274 |
| | 19 | .5 | 9.0 | .2 | .1 | .0 | 9.1 | 7.5 | 10.5 | .0 | .5 | 16.4 | 1273 |
| | 22 | .2 | 8.1 | .3 | .1 | .1 | 8.2 | 8.7 | 9.7 | .0 | .2 | 15.9 | 1274 |
| | ALL | .5 | 9.2 | .3 | .1 | .0 | 9.3 | 12.0 | 10.3 | .0 | .2 | 19.1 | 10199 |
| APR | G1 | .4 | 4.9 | .3 | .0 | .0 | 4.9 | 11.4 | 10.0 | .0 | .2 | 17.0 | 1236 |
| | G4 | .2 | 5.8 | .3 | .0 | .0 | 5.8 | 18.1 | 10.8 | .0 | .0 | 23.2 | 1239 |
| | G7 | .6 | 6.2 | .3 | .0 | .0 | 6.2 | 22.2 | 14.4 | .0 | .0 | 29.3 | 1242 |
| | 10 | .3 | 5.4 | .3 | .0 | .0 | 5.4 | 4.0 | 7.1 | .0 | .1 | 9.7 | 1231 |
| | 13 | 1.0 | 5.9 | .3 | .0 | .0 | 5.9 | 1.8 | 4.5 | .0 | .0 | 5.8 | 1232 |
| | 16 | 1.0 | 5.6 | .3 | .0 | .0 | 5.6 | 2.4 | 7.5 | .0 | .2 | 9.7 | 1233 |
| | 19 | 1.2 | 7.0 | .3 | .0 | .0 | 6.9 | 3.0 | 9.3 | .1 | .3 | 11.9 | 1232 |
| | 22 | .5 | 5.3 | .3 | .0 | .0 | 5.3 | 6.0 | 8.4 | .1 | .1 | 13.0 | 1234 |
| | ALL | .6 | 5.8 | .3 | .0 | .0 | 5.8 | 8.6 | 9.0 | .0 | .1 | 15.0 | 9879 |

13 - WEATHER CONDITIONS

W13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | TSTM | RAIN E/OR DRIZZLE | FREEZE RAIN & FREEZF GRIZZLE | SNOW E/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS. W/OBST VISION | TOTAL NO. OF OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| MAY | 01 | 1.1 | 5.7 | .0 | .0 | .0 | 5.7 | 12.2 | 11.5 | .0 | .0 | 19.4 | 1275 |
| | 04 | .9 | 5.3 | .0 | .0 | .0 | 5.3 | 21.9 | 14.2 | .0 | .0 | 28.3 | 1279 |
| | 07 | .3 | 5.4 | .0 | .0 | .0 | 5.4 | 21.2 | 17.8 | .0 | .0 | 32.3 | 1279 |
| | 10 | .7 | 4.7 | .0 | .0 | .0 | 4.7 | 3.2 | 9.8 | .0 | .0 | 12.0 | 1272 |
| | 13 | 2.4 | 6.8 | .0 | .0 | .0 | 6.8 | 1.4 | 8.2 | .0 | .0 | 8.9 | 1274 |
| | 16 | 4.6 | 7.8 | .0 | .0 | .1 | 7.8 | 1.3 | 9.4 | .0 | .1 | 10.5 | 1276 |
| | 19 | 3.3 | 6.8 | .0 | .0 | .0 | 6.8 | 2.2 | 11.0 | .0 | .0 | 12.8 | 1275 |
| | 22 | 1.5 | 5.3 | .0 | .0 | .0 | 5.3 | 4.2 | 10.0 | .0 | .0 | 12.5 | 1276 |
| | ALL | 1.9 | 6.0 | .0 | .0 | .0 | 6.0 | 8.5 | 11.5 | .0 | .0 | 17.1 | 10206 |
| JUN | 01 | 1.6 | 5.7 | .0 | .0 | .0 | 5.7 | 9.0 | 9.6 | .0 | .0 | 15.9 | 1236 |
| | 04 | 1.2 | 5.2 | .0 | .0 | .0 | 5.2 | 22.3 | 13.6 | .0 | .0 | 29.1 | 1239 |
| | 07 | .3 | 4.5 | .0 | .0 | .0 | 4.5 | 16.8 | 18.4 | .0 | .0 | 28.6 | 1236 |
| | 10 | .8 | 5.1 | .0 | .0 | .0 | 5.0 | 2.5 | 9.5 | .0 | .0 | 11.1 | 1231 |
| | 13 | 3.8 | 8.4 | .0 | .0 | .0 | 8.4 | 1.2 | 9.6 | .0 | .0 | 10.4 | 1232 |
| | 16 | 8.5 | 9.7 | .0 | .0 | .0 | 9.7 | 1.7 | 12.6 | .0 | .0 | 13.8 | 1231 |
| | 19 | 4.9 | 9.0 | .0 | .0 | .0 | 9.0 | 1.3 | 12.8 | .0 | .0 | 13.7 | 1230 |
| | 22 | 2.8 | 6.6 | .0 | .0 | .0 | 6.6 | 3.1 | 11.0 | .0 | .0 | 12.9 | 1234 |
| | ALL | 3.0 | 6.8 | .0 | .0 | .0 | 6.8 | 7.3 | 12.2 | .0 | .0 | 17.0 | 9869 |
| JUL | 01 | 1.8 | 4.3 | .0 | .0 | .0 | 4.3 | 6.8 | 11.7 | .0 | .0 | 16.5 | 1276 |
| | 04 | .7 | 3.8 | .0 | .0 | .0 | 3.8 | 14.9 | 13.0 | .0 | .0 | 23.5 | 1280 |
| | 07 | 1.1 | 5.7 | .0 | .0 | .0 | 5.7 | 13.7 | 17.3 | .0 | .0 | 25.8 | 1281 |
| | 10 | 1.8 | 4.9 | .0 | .0 | .0 | 4.9 | 1.6 | 12.2 | .0 | .0 | 13.5 | 1278 |
| | 13 | 6.2 | 8.8 | .0 | .0 | .0 | 8.8 | .5 | 12.3 | .0 | .0 | 12.7 | 1283 |
| | 16 | 12.4 | 13.7 | .0 | .0 | .0 | 13.6 | 1.5 | 14.4 | .0 | .0 | 15.7 | 1286 |
| | 19 | 5.5 | 10.1 | .0 | .0 | .0 | 10.1 | 1.9 | 14.4 | .0 | .0 | 17.7 | 1280 |
| | 22 | 2.7 | 6.7 | .0 | .0 | .0 | 6.7 | 2.9 | 12.7 | .0 | .0 | 14.2 | 1278 |
| | ALL | 4.1 | 7.3 | .0 | .0 | .0 | 7.2 | 5.5 | 13.7 | .0 | .0 | 17.5 | 10242 |
| AUG | 01 | 2.4 | 6.2 | .0 | .0 | .0 | 6.2 | 10.2 | 15.1 | .0 | .0 | 20.7 | 1279 |
| | 04 | 1.1 | 4.5 | .0 | .0 | .0 | 4.5 | 20.1 | 17.8 | .0 | .0 | 29.6 | 1281 |
| | 07 | .9 | 5.4 | .0 | .0 | .0 | 5.4 | 23.0 | 21.7 | .0 | .0 | 35.3 | 1278 |
| | 10 | 1.7 | 5.5 | .0 | .0 | .0 | 5.4 | 2.4 | 12.5 | .0 | .0 | 14.4 | 1275 |
| | 13 | 5.8 | 10.0 | .0 | .0 | .0 | 10.0 | 1.4 | 11.6 | .0 | .0 | 12.7 | 1276 |
| | 16 | 9.6 | 11.3 | .0 | .0 | .0 | 11.3 | 1.3 | 14.3 | .0 | .0 | 15.2 | 1277 |
| | 19 | 5.6 | 8.4 | .0 | .0 | .0 | 8.4 | 2.9 | 17.7 | .0 | .0 | 19.9 | 1279 |
| | 22 | 2.0 | 6.6 | .0 | .0 | .0 | 6.6 | 4.5 | 15.3 | .0 | .0 | 18.2 | 1278 |
| | ALL | 3.6 | 7.2 | .0 | .0 | .0 | 7.2 | 6.2 | 15.8 | .0 | .0 | 20.7 | 10223 |

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | TSTM | RAIN E/OP CRIZZLE | FREEZE RAIN E FREEZE GRIZZLE | SNOW E/OP SLFET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE E/OP HAZE | BLOWING SNOW | DUST E/OP SAND | % OBS. W/OBST VISION | TOTAL NO. OF OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| SEP | 01 | .7 | 5.2 | .0 | .0 | .0 | 5.2 | 13.7 | 15.7 | .0 | .0 | 23.6 | 1232 |
| | 04 | .7 | 6.7 | .0 | .0 | .0 | 6.5 | 25.5 | 19.2 | .0 | .0 | 35.3 | 1237 |
| | 07 | .2 | 6.8 | .0 | .0 | .0 | 6.7 | 32.7 | 23.0 | .0 | .0 | 42.9 | 1240 |
| | 10 | .3 | 7.6 | .0 | .0 | .0 | 7.5 | 4.0 | 17.4 | .0 | .0 | 20.1 | 1231 |
| | 13 | 1.9 | 9.3 | .0 | .0 | .0 | 9.2 | 2.4 | 11.3 | .0 | .0 | 13.5 | 1231 |
| | 16 | 2.7 | 9.6 | .0 | .0 | .0 | 9.6 | 2.6 | 14.3 | .0 | .0 | 16.4 | 1229 |
| | 19 | 1.5 | 9.2 | .0 | .0 | .0 | 9.2 | 3.4 | 13.8 | .0 | .0 | 16.4 | 1233 |
| | 22 | .8 | 5.9 | .0 | .0 | .0 | 5.9 | 5.3 | 12.6 | .0 | .0 | 16.2 | 1232 |
| | ALL | 1.2 | 7.5 | .0 | .0 | .0 | 7.5 | 11.2 | 15.9 | .0 | .0 | 23.1 | 9865 |
| OCT | 01 | .2 | 6.6 | .0 | .0 | .0 | 6.6 | 15.9 | 11.8 | .0 | .0 | 21.8 | 1282 |
| | 04 | .3 | 6.3 | .0 | .0 | .0 | 6.2 | 25.5 | 12.9 | .0 | .0 | 30.6 | 1284 |
| | 07 | .2 | 5.8 | .0 | .0 | .0 | 5.8 | 31.9 | 15.9 | .0 | .0 | 37.7 | 1285 |
| | 10 | .3 | 6.6 | .0 | .0 | .0 | 6.6 | 7.3 | 11.6 | .0 | .0 | 17.4 | 1280 |
| | 13 | .2 | 6.7 | .0 | .0 | .0 | 6.7 | 2.7 | 6.5 | .0 | .0 | 9.1 | 1278 |
| | 16 | .5 | 7.1 | .0 | .0 | .0 | 7.1 | 3.1 | 7.4 | .0 | .0 | 9.9 | 1276 |
| | 19 | .3 | 5.7 | .0 | .0 | .0 | 5.7 | 4.1 | 8.9 | .0 | .0 | 12.2 | 1278 |
| | 22 | .4 | 5.1 | .0 | .0 | .0 | 5.1 | 7.8 | 17.1 | .0 | .0 | 15.1 | 1282 |
| | ALL | .3 | 6.2 | .0 | .0 | .0 | 6.2 | 12.3 | 10.6 | .0 | .0 | 19.2 | 10245 |
| NOV | 01 | .1 | 6.3 | .0 | .0 | .0 | 6.2 | 19.6 | 11.4 | .0 | .0 | 24.6 | 1242 |
| | 04 | .1 | 7.0 | .0 | .0 | .0 | 7.0 | 23.7 | 11.0 | .0 | .0 | 27.4 | 1247 |
| | 07 | .1 | 6.7 | .0 | .0 | .0 | 6.7 | 29.3 | 14.7 | .0 | .0 | 34.2 | 1247 |
| | 10 | .0 | 6.7 | .0 | .0 | .0 | 6.7 | 10.8 | 12.8 | .0 | .0 | 20.9 | 1237 |
| | 13 | .1 | 5.8 | .0 | .0 | .0 | 5.8 | 4.4 | 6.9 | .0 | .0 | 10.9 | 1232 |
| | 16 | .2 | 7.5 | .0 | .0 | .0 | 7.5 | 4.9 | 6.9 | .0 | .0 | 11.1 | 1234 |
| | 19 | .2 | 5.3 | .0 | .0 | .0 | 5.3 | 6.2 | 8.8 | .0 | .0 | 13.5 | 1234 |
| | 22 | .2 | 6.0 | .0 | .0 | .0 | 6.0 | 11.0 | 10.7 | .0 | .0 | 18.0 | 1240 |
| | ALL | .1 | 6.4 | .0 | .0 | .0 | 6.4 | 13.8 | 10.4 | .0 | .0 | 20.1 | 9913 |
| DEC | 01 | .2 | 8.1 | .0 | .2 | .0 | 8.2 | 16.9 | 9.4 | .0 | .0 | 22.3 | 1275 |
| | 04 | .2 | 9.6 | .0 | .1 | .0 | 9.5 | 20.2 | 9.5 | .0 | .0 | 24.9 | 1275 |
| | 07 | .2 | 10.8 | .0 | .1 | .0 | 10.9 | 23.4 | 11.5 | .0 | .0 | 28.2 | 1276 |
| | 10 | .0 | 10.6 | .0 | .0 | .0 | 10.5 | 14.1 | 12.3 | .0 | .0 | 24.2 | 1274 |
| | 13 | .1 | 8.8 | .0 | .1 | .0 | 8.9 | 7.5 | 7.8 | .0 | .0 | 14.1 | 1274 |
| | 16 | .1 | 9.3 | .0 | .0 | .0 | 9.3 | 6.8 | 8.3 | .0 | .0 | 13.8 | 1274 |
| | 19 | .0 | 8.2 | .0 | .1 | .1 | 8.4 | 6.2 | 8.4 | .0 | .0 | 15.2 | 1276 |
| | 22 | .1 | 8.3 | .0 | .1 | .0 | 8.5 | 13.4 | 10.0 | .0 | .0 | 20.1 | 1275 |
| | ALL | .1 | 9.2 | .0 | .1 | .0 | 9.3 | 13.8 | 9.7 | .0 | .0 | 20.3 | 10199 |

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | TSTM | RAIN &/OR CRIZZLE | FREEZE RAIN & FREEZE DRIZZLE | SNOW &/OR SLFET | HAIL | OBS WITH PRECIP | FOG | SMOKE &/OR HAZE | FLOWING SNOW | DUST &/OR SAND | % OBS. W/OBST VISION | TOTAL NO. OF OBS. |
|--------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|--------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| JAN | ALL | .1 | 10.3 | .2 | .2 | .0* | 10.6 | 15.3 | 11.8 | .0 | .0* | 23.1 | 10206 |
| FEB | ALL | .2 | 9.9 | .2 | .3 | .2 | 10.2 | 12.5 | 11.5 | .0* | .2 | 21.2 | 9299 |
| MAR | ALL | .5 | 9.2 | .0* | .1 | .0* | 9.3 | 12.0 | 10.3 | .0 | .2 | 19.1 | 10199 |
| APR | ALL | .6 | 5.8 | .0 | .0 | .0 | 5.8 | 6.6 | 9.0 | .0* | .1 | 15.0 | 9879 |
| MAY | ALL | 1.9 | 6.0 | .0 | .0 | .0* | 6.0 | 6.5 | 11.5 | .0 | .0* | 17.1 | 10206 |
| JUN | ALL | 3.0 | 6.8 | .0 | .0 | .0 | 6.8 | 7.3 | 12.2 | .0 | .0 | 17.0 | 9869 |
| JUL | ALL | 4.1 | 7.3 | .0 | .0 | .0 | 7.2 | 5.5 | 13.7 | .0 | .0 | 17.5 | 10242 |
| AUG | ALL | 3.6 | 7.2 | .0 | .0 | .0 | 7.2 | 8.2 | 15.8 | .0 | .0 | 20.7 | 10223 |
| SEP | ALL | 1.2 | 7.5 | .0 | .0 | .0 | 7.5 | 11.2 | 15.9 | .0 | .0 | 23.1 | 9865 |
| OCT | ALL | .3 | 6.2 | .0 | .0 | .0 | 6.2 | 12.3 | 10.6 | .0 | .0 | 19.2 | 10245 |
| NOV | ALL | .1 | 6.4 | .0 | .0 | .0 | 6.4 | 13.8 | 10.4 | .0 | .0 | 20.1 | 9913 |
| DEC | ALL | .1 | 9.2 | .0* | .1 | .0* | 9.3 | 13.8 | 9.7 | .0 | .0 | 20.3 | 10199 |
| TOTALS | ALL | 1.3 | 7.6 | .0* | .0* | .0* | 7.7 | 10.7 | 11.9 | .0* | .0* | 19.4 | 120345 |

VEPSUS

WEATHER CONDITIONS

(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN

| DIR. | RAIN | RAIN SHOWRS | CRIZZLE | FREEZE RAIN | SLEET " SHOWRS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|---------|------|----------------|---------|----------------|-------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 12.2 | .4 | 3.8 | .5 | .0 | .2 | .0 | .0 | 18.4 | 1.3 | 11.9 | .0 | .0 | 65.9 |
| NNE | 12.7 | .4 | 3.5 | 1.3 | .3 | .3 | .0 | .0 | 16.6 | 1.2 | 12.2 | .0 | .0 | 66.9 |
| NE | 15.2 | .0 | 2.8 | .0 | .0 | .1 | .0 | .0 | 17.7 | 2.2 | 16.9 | .0 | .0 | 62.6 |
| ENE | 12.5 | .6 | 1.7 | .0 | .0 | .0 | .0 | .6 | 16.4 | 3.9 | 25.0 | .0 | .0 | 61.4 |
| E | 7.2 | .7 | 1.0 | .0 | .0 | .0 | .0 | .0 | 15.8 | 2.6 | 28.6 | .0 | .0 | 60.5 |
| ESE | 7.2 | 1.4 | 1.4 | .0 | .0 | .0 | .0 | .0 | 18.4 | 4.3 | 32.1 | .0 | .0 | 52.3 |
| SE | 8.5 | 1.4 | .9 | .0 | .0 | .0 | .0 | .0 | 17.5 | 5.7 | 28.0 | .0 | .0 | 54.0 |
| SSE | 10.5 | 1.6 | .4 | .0 | .0 | .0 | .0 | .0 | 13.6 | 2.7 | 17.1 | .0 | .0 | 63.8 |
| S | 7.8 | 1.7 | .3 | .0 | .0 | .0 | .0 | .2 | 14.5 | 3.2 | 7.1 | .0 | .2 | 72.5 |
| SSW | 7.2 | 2.0 | .5 | .0 | .0 | .0 | .0 | .4 | 8.7 | 2.7 | 6.3 | .0 | .0 | 77.5 |
| SW | 4.2 | 2.7 | .3 | .0 | .0 | .0 | .0 | .0 | 8.1 | 2.2 | 6.7 | .0 | .0 | 79.2 |
| WSW | 3.9 | .1 | .6 | .0 | .0 | .0 | .0 | .1 | 6.5 | 1.0 | 3.6 | .0 | .0 | 83.7 |
| W | 4.0 | .5 | .4 | .0 | .0 | .3 | .0 | .0 | 5.2 | 1.0 | 4.6 | .0 | .1 | 83.3 |
| WNW | 3.2 | .1 | 2.1 | .0 | .0 | .1 | .0 | .0 | 8.6 | .7 | 4.4 | .0 | .1 | 82.1 |
| NW | 5.0 | .4 | 2.7 | .0 | .2 | .5 | .0 | .0 | 13.1 | 1.1 | 7.6 | .0 | .0 | 75.1 |
| NNW | 8.6 | .6 | 4.1 | .6 | .0 | .6 | .0 | .3 | 19.0 | 1.7 | 9.0 | .0 | .0 | 68.1 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 1.5 | .0 | .8 | .0 | .0 | .0 | .0 | .2 | 10.6 | 9.0 | 24.8 | .0 | .0 | 62.3 |
| TOTALS | 787 | 83 | 182 | 21 | 4 | 17 | 0 | 10 | 1318 | 243 | 1207 | 0 | 3 | 7457 |
| % TOTAL | 7.0 | .6 | 1.7 | .2 | .0* | .2 | .0 | .1 | 12.7 | 2.3 | 11.6 | .0 | .0* | 71.6 |

TOTAL NUMBER OF OBSERVATIONS : 10412

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB

| WIND DIR. | RAIN | RAIN SHOWRS | DRIZZLE | FREEZE RAIN | SLEET " SHOWRS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|------|-------------|---------|-------------|----------------|------------------------|-----------------|-------------------------|------|--------------------|------------|--------------|-------------------|------------|
| N | 12.0 | .4 | 3.2 | .5 | .4 | 1.3 | .0 | .1 | 18.7 | 1.6 | 8.8 | .3 | .0 | 67.2 |
| NNE | 16.5 | .4 | 3.0 | 1.1 | .9 | 1.2 | .0 | .1 | 17.2 | 1.4 | 14.5 | .0 | .0 | 59.5 |
| NE | 13.2 | .6 | 1.2 | .5 | .3 | .2 | .0 | .2 | 12.9 | 3.0 | 14.0 | .0 | .0 | 66.6 |
| ENE | 15.2 | .9 | .7 | .0 | .2 | .0 | .0 | .5 | 12.2 | 2.3 | 26.2 | .0 | .0 | 55.3 |
| E | 9.4 | 1.2 | 1.2 | .0 | .0 | .0 | .0 | .3 | 12.4 | 2.1 | 28.8 | .0 | .0 | 57.5 |
| ESE | 7.8 | 1.2 | 1.2 | .0 | .0 | .0 | .0 | .0 | 14.1 | 3.5 | 31.8 | .0 | .0 | 52.2 |
| SE | 8.0 | 4.0 | .4 | .0 | .0 | .0 | .0 | .4 | 8.7 | 3.6 | 18.1 | .0 | .0 | 66.7 |
| SSE | 8.2 | 1.8 | .3 | .0 | .0 | .0 | .0 | .6 | 11.8 | 2.1 | 11.5 | .0 | .6 | 71.3 |
| S | 6.6 | 2.2 | .0 | .0 | .0 | .0 | .0 | .4 | 8.1 | 1.9 | 7.5 | .0 | .3 | 76.7 |
| SSW | 5.9 | 3.5 | .0 | .0 | .0 | .1 | .0 | .5 | 6.4 | 2.0 | 6.7 | .0 | .4 | 78.4 |
| SW | 5.3 | 1.1 | .2 | .0 | .0 | .0 | .0 | .3 | 5.3 | 1.8 | 6.0 | .0 | .6 | 82.6 |
| WSW | 4.0 | 1.3 | .2 | .0 | .0 | .0 | .0 | .3 | 4.8 | .6 | 5.0 | .0 | .6 | 84.4 |
| W | 2.2 | .5 | .1 | .0 | .0 | .0 | .0 | .1 | 3.4 | .8 | 4.7 | .0 | .1 | 85.6 |
| WNW | 2.0 | .3 | .3 | .0 | .0 | .3 | .0 | .0 | 3.6 | .8 | 5.1 | .0 | .0 | 87.2 |
| NW | 5.9 | .9 | 1.2 | .0 | .0 | .0 | .0 | .0 | 9.8 | 1.4 | 4.2 | .0 | .0 | 80.1 |
| NNW | 6.6 | .6 | 2.3 | .2 | .2 | .4 | .0 | .0 | 15.6 | 2.7 | 8.2 | .0 | .0 | 69.3 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLW | 1.9 | .0 | .6 | .0 | .0 | .0 | .0 | .0 | 12.2 | 9.8 | 21.8 | .0 | .0 | 62.4 |
| TOTALS | 717 | 110 | 90 | 16 | 14 | 25 | 0 | 21 | 950 | 213 | 1065 | 2 | 16 | 6895 |
| * TOTAL | 7.6 | 1.2 | .9 | .2 | .1 | .3 | .0 | .2 | 10.0 | 2.2 | 11.2 | .0* | .2 | 72.7 |

TOTAL NUMBER OF OBSERVATIONS : 9485

NOTES : * = PERCENT < .05

1. MONTHLY MEAN PRECIPITATION BY WIND DIRECTION

WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

13830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1984

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR

| WIND DIR. | RAIN | RAIN SHOWERS | DRIZZLE | FREEZE RAIN | SLEET | " SHCARS | SNOW GRAINS | SMALL TORNADO | FOG | ICE FOG | SMOKE HAZE | FLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|------|--------------|---------|-------------|-------|----------|-------------|---------------|------|---------|------------|--------------|-------------------|------------|
| N | 7.1 | 1.0 | 1.6 | .2 | .2 | .2 | .5 | .7 | 13.8 | 2.1 | 8.7 | .0 | .0 | 72.9 |
| NNE | 13.5 | 1.3 | 2.9 | .7 | .2 | .2 | .0 | .4 | 17.9 | 2.9 | 14.4 | .0 | .0 | 63.4 |
| NE | 16.1 | .7 | 2.0 | .0 | .0 | .0 | .2 | .2 | 16.9 | 2.6 | 15.9 | .0 | .0 | 61.7 |
| ENE | 11.2 | 2.4 | .5 | .0 | .0 | .0 | .0 | .5 | 21.0 | 2.1 | 23.1 | .0 | .0 | 51.0 |
| E | 9.0 | 2.7 | .6 | .0 | .0 | .0 | .0 | 1.2 | 12.7 | 3.3 | 25.3 | .0 | .0 | 60.2 |
| ESE | 9.2 | 1.8 | .5 | .0 | .0 | .0 | .0 | .5 | 12.4 | 2.8 | 21.2 | .0 | .0 | 65.2 |
| SE | 3.7 | 3.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 9.5 | 3.7 | 17.5 | .0 | .0 | 68.3 |
| SSE | 5.6 | 2.3 | .2 | .0 | .0 | .0 | .0 | .6 | 7.8 | 1.6 | 9.1 | .0 | .0 | 77.8 |
| S | 5.5 | 2.7 | .3 | .0 | .0 | .0 | .0 | .6 | 6.7 | 1.7 | 7.8 | .0 | .0 | 78.9 |
| SSW | 4.7 | 2.3 | .3 | .0 | .0 | .0 | .0 | .4 | 6.2 | 2.1 | 5.1 | .0 | .0 | 81.5 |
| SW | 1.7 | 2.5 | .3 | .0 | .0 | .0 | .0 | .7 | 4.0 | 1.9 | 5.5 | .0 | .0 | 83.4 |
| WSW | 3.5 | 1.2 | .3 | .0 | .0 | .0 | .0 | .3 | 4.6 | 1.0 | 3.5 | .0 | .0 | 85.5 |
| W | 1.4 | 1.4 | .3 | .0 | .0 | .0 | .0 | .1 | 3.3 | .9 | 3.6 | .0 | .0 | 88.1 |
| WNW | 2.2 | .3 | .9 | .0 | .0 | .0 | .3 | .2 | 3.7 | 1.9 | 2.8 | .0 | .0 | 89.1 |
| NW | 3.3 | 1.3 | 2.6 | .0 | .0 | .0 | .7 | .2 | 9.4 | 1.1 | 2.6 | .0 | .0 | 92.8 |
| NNW | 4.9 | 1.0 | 3.1 | .0 | .0 | .0 | .0 | .4 | 12.8 | 2.1 | 7.2 | .0 | .0 | 74.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLW | 3.2 | .8 | .9 | .0 | .0 | .0 | .0 | .2 | 11.2 | 11.4 | 21.6 | .0 | .0 | 63.2 |
| TOTALS | 66.0 | 176 | 96 | 5 | 2 | .0* | 9 | 47 | 969 | 258 | 1054 | 0 | 20 | 7850 |
| * TOTAL | 6.4 | 1.7 | .9 | .0* | .0* | .0* | .1 | .5 | 9.3 | 2.5 | 10.1 | .0 | .2 | 75.4 |

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES : * = PERCENT < .05

14 - FREQUENCY OF WIND DIRECTION

VERSUS

WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

| DIR. | RAIN | RAIN SHOWERS | CRIZZLE | FREEZE RAIN | SLEET " SHOWERS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | FLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|---------|------|--------------|---------|-------------|-----------------|------------------------|-----------------|-------------------------|------|--------------------|------------|--------------|-------------------|------------|
| N | 3.6 | 1.3 | 1.7 | .C | .0 | .0 | .C | .2 | 7.2 | 4.4 | 10.6 | .0 | .0 | 76.1 |
| NNE | 4.7 | .7 | 3.7 | .C | .0 | .0 | .0 | .5 | 11.2 | 5.2 | 13.3 | .0 | .C | 71.7 |
| NE | 7.4 | 1.6 | 1.4 | .C | .0 | .C | .C | .7 | 12.1 | 4.9 | 20.4 | .0 | .C | 63.8 |
| ENE | 9.0 | 1.0 | 1.8 | .C | .0 | .C | .C | .5 | 12.1 | 3.6 | 23.5 | .0 | .C | 61.0 |
| E | 7.2 | 1.5 | .4 | .C | .0 | .C | .C | .2 | 9.6 | 3.0 | 22.1 | .0 | .2 | 64.5 |
| ESE | 4.7 | 1.7 | .4 | .C | .0 | .C | .C | .6 | 6.2 | 3.4 | 19.6 | .0 | .0 | 70.2 |
| SE | 4.2 | 2.5 | .0 | .C | .0 | .0 | .C | 1.4 | 7.8 | 2.5 | 10.3 | .0 | .0 | 75.4 |
| SSE | 4.9 | 1.8 | .C | .C | .0 | .C | .C | .5 | 3.7 | 2.9 | 9.6 | .0 | .0 | 79.7 |
| S | 2.6 | 2.6 | .1 | .C | .0 | .C | .C | .8 | 2.4 | 1.5 | 4.9 | .0 | .0 | 86.2 |
| SSW | 1.9 | 1.9 | .0 | .C | .0 | .C | .C | .5 | 2.7 | 1.2 | 4.4 | .0 | .1 | 98.1 |
| SW | 2.4 | 2.3 | .C | .C | .0 | .C | .C | .8 | 2.1 | 2.1 | 3.2 | .1 | .1 | 88.8 |
| WSW | 1.6 | 1.9 | .1 | .C | .C | .C | .C | .7 | 3.2 | 1.2 | 4.4 | .0 | .6 | 87.0 |
| W | 1.5 | 1.1 | .1 | .C | .0 | .C | .C | .3 | 2.5 | 1.4 | 2.1 | .0 | .4 | 88.7 |
| WNW | 2.2 | 2.3 | .2 | .C | .0 | .C | .C | 1.6 | 2.2 | 2.2 | 2.8 | .0 | .0 | 86.3 |
| NW | 2.0 | 2.3 | .3 | .C | .C | .C | .C | .7 | 4.7 | 2.0 | 3.7 | .0 | .0 | 84.7 |
| NNW | 3.1 | .6 | .3 | .C | .0 | .C | .C | .3 | 7.4 | 3.1 | 5.4 | .0 | .3 | 83.5 |
| VAR | .C | .0 | .C | .C | .0 | .C | .C | .0 | .C | .0 | .C | .0 | .0 | .0 |
| CLM | 1.3 | .3 | .2 | .C | .0 | .C | .C | .2 | 8.6 | 12.7 | 10.9 | .2 | .C | 72.6 |
| TOTALS | 345 | 176 | 49 | .C | .0 | .0 | .C | 63 | 542 | 311 | 890 | 2 | 11 | 8072 |
| % TOTAL | 3.4 | 1.7 | .5 | .C | .C | .C | .C | .6 | 5.4 | 3.1 | 8.8 | .C* | .1 | 80.1 |

TOTAL NUMBER OF OBSERVATIONS : 10079

NOTES : PERCENT < .05
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY

| WIND DIR. | RAIN | RAIN SHOWERS | GRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWERS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 2.7 | 2.5 | 1.9 | .0 | .0 | .0 | .0 | 1.3 | 11.1 | 3.6 | 11.1 | .0 | .0 | 68.5 |
| NNE | 5.5 | 3.3 | .7 | .0 | .0 | .0 | .0 | 1.6 | 10.2 | 6.9 | 18.6 | .0 | .0 | 62.3 |
| NE | 3.8 | 3.9 | .6 | .0 | .0 | .0 | .2 | 1.7 | 8.6 | 5.1 | 21.8 | .0 | .0 | 64.0 |
| ENE | 7.2 | 5.0 | .2 | .0 | .0 | .0 | .0 | 2.4 | 10.8 | 4.3 | 24.9 | .0 | .0 | 57.9 |
| E | 6.4 | 4.2 | .2 | .0 | .0 | .0 | .0 | 1.5 | 6.8 | 4.6 | 23.0 | .0 | .0 | 60.9 |
| ESE | 2.7 | 5.8 | .0 | .0 | .0 | .0 | .0 | 2.9 | 5.6 | 2.9 | 15.4 | .0 | .0 | 69.1 |
| SE | 1.6 | 5.3 | .0 | .0 | .0 | .0 | .0 | 3.6 | 3.0 | 1.1 | 13.9 | .0 | .0 | 74.7 |
| SSE | 2.1 | 3.1 | .0 | .0 | .0 | .0 | .0 | 1.7 | 2.7 | 1.4 | 8.0 | .0 | .0 | 81.3 |
| S | 1.7 | 2.8 | .1 | .0 | .0 | .0 | .0 | 1.8 | 1.3 | 1.5 | 8.0 | .0 | .0 | 84.1 |
| SSW | 1.6 | 2.8 | .1 | .0 | .0 | .0 | .0 | 1.8 | 1.7 | 1.6 | 6.2 | .0 | .0 | 85.6 |
| SW | 1.5 | 2.9 | .0 | .0 | .0 | .0 | .0 | 1.7 | 2.7 | 1.9 | 7.2 | .0 | .0 | 85.2 |
| WSW | 1.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 2.6 | 1.2 | 5.1 | .0 | .0 | 88.7 |
| W | 1.0 | 3.5 | .3 | .0 | .0 | .0 | .0 | 2.3 | 3.0 | 2.3 | 5.4 | .0 | .0 | 85.5 |
| WNW | .3 | 2.4 | .0 | .0 | .0 | .0 | .0 | 2.4 | 4.2 | 1.2 | 4.8 | .0 | .0 | 85.8 |
| NW | .6 | 3.2 | .0 | .0 | .0 | .0 | .0 | 1.9 | 2.5 | 3.8 | 6.6 | .0 | .0 | 82.9 |
| NNW | 2.9 | 3.2 | .9 | .0 | .0 | .0 | .0 | 2.1 | 9.4 | 5.6 | 10.0 | .0 | .0 | 74.6 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .9 | .9 | .0 | .0 | .0 | .0 | .0 | .2 | 11.0 | 10.8 | 15.4 | .0 | .0 | 69.3 |
| TOTALS | 246 | 334 | 28 | 0 | 0 | 0 | 1 | 189 | 529 | 336 | 1175 | 0 | 0 | 8001 |
| % TOTAL | 2.4 | 3.2 | .3 | .0 | .0 | .0 | .0* | 1.8 | 5.1 | 3.2 | 11.3 | .0 | .0 | 76.9 |

TOTAL NUMBER OF OBSERVATIONS : 10409

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U1330 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN

| WIND DIR. | RAIN | RAIN SHOWRS | CRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWRS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | SAND DUST | NO WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|-----|--------------------------|---------------|-----------------|--------------|---------------|
| N | 4.0 | 2.7 | .6 | .0 | .0 | .0 | .0 | 3.0 | 7.5 | 4.8 | 11.7 | .0 | .0 | 72.9 |
| NNE | 5.1 | 2.4 | .2 | .0 | .0 | .0 | .0 | 2.1 | 8.3 | 4.9 | 14.9 | .0 | .0 | 69.7 |
| NE | 5.0 | 2.6 | .5 | .0 | .0 | .0 | .0 | 1.6 | 7.6 | 3.6 | 15.9 | .0 | .0 | 69.0 |
| ENE | 5.9 | 5.6 | .6 | .0 | .0 | .0 | .0 | 5.0 | 5.9 | 2.5 | 17.3 | .0 | .0 | 66.8 |
| E | 4.2 | 7.0 | .2 | .0 | .0 | .0 | .0 | 3.5 | 6.8 | 2.0 | 18.9 | .0 | .0 | 63.9 |
| ESE | 3.8 | 5.0 | .0 | .0 | .0 | .0 | .0 | 3.3 | 4.3 | 2.1 | 20.2 | .0 | .0 | 67.9 |
| SE | 2.5 | 5.5 | .0 | .0 | .0 | .0 | .0 | 3.5 | 2.8 | 2.6 | 13.1 | .0 | .0 | 75.1 |
| SSE | 2.7 | 4.0 | .1 | .0 | .0 | .0 | .0 | 4.8 | 2.5 | 1.6 | 11.0 | .0 | .0 | 76.7 |
| S | .0 | 3.7 | .0 | .0 | .0 | .0 | .0 | 3.5 | 1.6 | 1.7 | 11.3 | .0 | .0 | 80.3 |
| SSW | 1.7 | 5.0 | .0 | .0 | .0 | .0 | .0 | 2.8 | .8 | 1.0 | 9.1 | .0 | .0 | 80.0 |
| SW | 1.3 | 3.7 | .0 | .0 | .0 | .0 | .0 | 1.7 | 1.6 | 1.3 | 7.4 | .0 | .0 | 82.1 |
| WSW | .5 | 2.5 | .2 | .0 | .0 | .0 | .0 | 1.7 | 2.0 | .3 | 6.5 | .0 | .0 | 85.1 |
| W | 1.3 | 3.3 | .0 | .0 | .0 | .0 | .0 | 2.2 | 2.9 | 2.4 | 7.1 | .0 | .0 | 81.8 |
| WNW | 1.7 | 3.7 | .3 | .0 | .0 | .0 | .0 | 1.7 | 5.0 | 2.7 | 8.4 | .0 | .0 | 78.3 |
| NW | 2.4 | 6.0 | .8 | .0 | .0 | .0 | .0 | 4.0 | 5.6 | 3.2 | 6.7 | .0 | .0 | 75.4 |
| NNW | 3.4 | 5.6 | .0 | .0 | .0 | .0 | .0 | 4.6 | 6.2 | 5.6 | 13.6 | .0 | .0 | 68.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 2.4 | 1.4 | .2 | .0 | .0 | .0 | .0 | .7 | 8.3 | 12.8 | 15.7 | .0 | .0 | 68.3 |
| TOTALS | 259 | 392 | 17 | .0 | .0 | .0 | .0 | 295 | 415 | 301 | 1200 | .0 | .0 | 7602 |
| % TOTAL | 2.6 | 3.9 | .2 | .0 | .0 | .0 | .0 | 2.9 | 4.1 | 3.0 | 11.9 | .0 | .0 | 75.5 |

TOTAL NUMBER OF OBSERVATIONS : 10073

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL

| WIND DIR. | RAIN | RAIN SHOWRS | CRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWRS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | FLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|-----|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 2.3 | 6.6 | .6 | .0 | .0 | .0 | .0 | 4.7 | 7.7 | 6.0 | 12.8 | .0 | .0 | 64.9 |
| NNE | 3.1 | 4.6 | .0 | .0 | .0 | .0 | .0 | 2.9 | 9.9 | 6.2 | 18.4 | .0 | .0 | 63.1 |
| NE | 3.7 | 6.3 | .0 | .0 | .0 | .0 | .0 | 3.5 | 5.5 | 4.4 | 19.0 | .0 | .0 | 65.5 |
| ENE | 6.3 | 6.6 | .0 | .0 | .0 | .0 | .0 | 2.7 | 4.5 | 3.3 | 16.6 | .0 | .0 | 68.1 |
| E | 5.0 | 7.0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 5.0 | 2.2 | 17.7 | .0 | .0 | 65.8 |
| ESE | 3.2 | 8.2 | .0 | .0 | .0 | .0 | .0 | 4.0 | 1.6 | .8 | 17.2 | .0 | .0 | 69.4 |
| SE | 1.2 | 8.3 | .0 | .0 | .0 | .0 | .0 | 5.2 | 2.7 | 1.2 | 14.8 | .0 | .0 | 72.9 |
| SSE | 1.5 | 6.3 | .2 | .0 | .0 | .0 | .0 | 5.4 | 1.4 | 1.1 | 14.1 | .0 | .0 | 74.5 |
| S | 1.2 | 4.3 | .0 | .0 | .0 | .0 | .0 | 4.2 | 1.5 | .5 | 13.4 | .0 | .0 | 76.3 |
| SSW | 1.5 | 3.3 | .0 | .0 | .0 | .0 | .0 | 3.3 | 1.4 | .8 | 10.9 | .0 | .0 | 80.1 |
| SW | 1.1 | 5.1 | .0 | .0 | .0 | .0 | .0 | 4.2 | 1.5 | 1.0 | 10.2 | .0 | .0 | 80.4 |
| WSW | .7 | 3.5 | .0 | .0 | .0 | .0 | .0 | 2.9 | 1.6 | 1.4 | 10.9 | .0 | .0 | 81.0 |
| W | 1.7 | 4.5 | .2 | .0 | .0 | .0 | .0 | 4.4 | 2.2 | 1.5 | 14.4 | .0 | .0 | 75.9 |
| WNW | 1.9 | 8.6 | 1.1 | .0 | .0 | .0 | .0 | 7.8 | 6.3 | 1.9 | 10.8 | .0 | .0 | 69.5 |
| NW | .5 | 9.0 | .5 | .0 | .0 | .0 | .0 | 7.5 | 4.0 | 3.0 | 15.6 | .0 | .0 | 66.8 |
| NNW | 2.2 | 5.2 | .0 | .0 | .0 | .0 | .0 | 5.2 | 8.6 | 5.9 | 16.4 | .0 | .0 | 63.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 1.4 | 1.9 | .2 | .0 | .0 | .0 | .0 | 1.2 | 3.2 | 7.1 | 11.4 | .0 | .0 | 76.2 |
| TOTALS | 201 | 532 | 10 | 0 | 0 | 0 | 0 | 418 | 324 | 237 | 1407 | 0 | 0 | 7718 |
| % TOTAL | 1.9 | 5.1 | .1 | .0 | .0 | .0 | .0 | 4.0 | 3.1 | 2.3 | 13.5 | .0 | .0 | 74.1 |

TOTAL NUMBER OF OBSERVATIONS : 10416

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG

| WIND DIR. | RAIN | RAIN SHOWERS | DRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWERS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-----------|------|--------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 3.9 | 4.1 | .5 | .0 | .0 | .0 | .0 | 2.8 | 10.3 | 8.4 | 21.8 | .0 | .0 | 58.6 |
| NNE | 6.0 | 3.9 | .4 | .0 | .0 | .0 | .0 | 1.5 | 10.0 | 7.2 | 20.9 | .0 | .0 | 60.0 |
| NE | 3.8 | 5.6 | .1 | .0 | .0 | .0 | .0 | 2.4 | 6.8 | 5.6 | 22.6 | .0 | .0 | 61.9 |
| ENE | 3.8 | 5.9 | .0 | .0 | .0 | .0 | .0 | 3.1 | 5.9 | 4.1 | 20.1 | .0 | .0 | 64.1 |
| E | 2.7 | 8.2 | .0 | .0 | .0 | .0 | .0 | 4.9 | 2.9 | 2.9 | 16.7 | .0 | .0 | 67.9 |
| ESE | 2.9 | 5.1 | .0 | .0 | .0 | .0 | .0 | 5.1 | 1.1 | 2.7 | 21.2 | .0 | .0 | 67.0 |
| SE | 1.7 | 7.5 | .0 | .0 | .0 | .0 | .0 | 7.1 | 1.7 | 1.5 | 15.4 | .0 | .0 | 70.1 |
| SSE | 2.3 | 5.3 | .0 | .0 | .0 | .0 | .0 | 6.3 | 1.0 | 1.9 | 12.3 | .0 | .0 | 73.3 |
| S | 1.5 | 3.9 | .0 | .0 | .0 | .0 | .0 | 4.3 | 1.3 | .6 | 11.1 | .0 | .0 | 79.4 |
| SSW | 1.2 | 3.3 | .0 | .0 | .0 | .0 | .0 | 4.2 | 1.2 | .8 | 9.4 | .0 | .0 | 82.6 |
| SW | 2.3 | 3.3 | .3 | .0 | .0 | .0 | .0 | 3.0 | 2.1 | 1.9 | 8.4 | .0 | .0 | 82.6 |
| WSW | 1.1 | 4.1 | .0 | .0 | .0 | .0 | .0 | 2.5 | 2.0 | 2.0 | 11.3 | .0 | .0 | 80.4 |
| W | 1.5 | 5.3 | .0 | .0 | .0 | .0 | .0 | 5.7 | 2.4 | 2.9 | 9.3 | .0 | .0 | 78.0 |
| WNW | 2.7 | 4.6 | 1.5 | .0 | .0 | .0 | .0 | 4.6 | 6.5 | 3.1 | 16.4 | .0 | .0 | 66.0 |
| NW | 2.9 | 5.3 | .3 | .0 | .0 | .0 | .0 | 3.7 | 5.3 | 5.3 | 16.7 | .0 | .0 | 66.5 |
| NNW | 4.3 | 4.0 | .6 | .0 | .0 | .0 | .0 | 2.8 | 7.1 | 6.3 | 18.8 | .0 | .0 | 62.7 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLW | .6 | 1.0 | .0 | .0 | .0 | .0 | .0 | .5 | 5.1 | 9.4 | 18.7 | .0 | .0 | 71.5 |
| TOTALS | 265 | 456 | 18 | 0 | 0 | 0 | 0 | 371 | 436 | 404 | 1611 | 0 | 0 | 7432 |
| % TOTAL | 2.5 | 4.4 | .2 | .0 | .0 | .0 | .0 | 3.6 | 4.2 | 3.9 | 15.5 | .0 | .0 | 71.4 |

TOTAL NUMBER OF OBSERVATIONS : 10414

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13980 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP

| WIND DIR. | RAIN | RAIN SHOWERS | DRIZZLE | FREEZE RAIN | SLEET " SHOWERS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|-----------------|---------|----------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 5.9 | 1.5 | .8 | .0 | .0 | .0 | .0 | .7 | 10.7 | 7.2 | 17.7 | .0 | .0 | 65.5 |
| NNE | 6.3 | 1.6 | .5 | .0 | .0 | .0 | .0 | .8 | 8.0 | 5.0 | 14.7 | .0 | .0 | 68.9 |
| NE | 8.2 | 2.4 | .3 | .0 | .0 | .0 | .0 | .9 | 7.2 | 4.4 | 18.2 | .0 | .0 | 66.1 |
| ENE | 6.8 | 2.6 | .0 | .0 | .0 | .0 | .0 | .7 | 3.7 | 3.5 | 16.5 | .0 | .0 | 69.5 |
| E | 3.5 | 4.0 | .0 | .0 | .0 | .0 | .0 | 1.7 | 3.1 | 2.1 | 18.3 | .0 | .0 | 72.0 |
| ESE | 4.7 | 4.7 | .0 | .0 | .0 | .0 | .0 | 1.2 | 1.5 | 3.0 | 18.2 | .0 | .0 | 72.0 |
| SE | 2.2 | 3.7 | .0 | .0 | .0 | .0 | .0 | 2.0 | 2.7 | 3.0 | 16.5 | .0 | .0 | 74.9 |
| SSE | 3.9 | 2.4 | .0 | .0 | .0 | .0 | .0 | 1.2 | 3.1 | 1.0 | 9.2 | .0 | .0 | 83.3 |
| S | 2.1 | 3.0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 2.7 | 1.2 | 12.6 | .0 | .0 | 77.3 |
| SSW | 3.1 | 3.6 | .0 | .0 | .0 | .0 | .0 | 2.2 | 1.6 | 2.7 | 10.0 | .0 | .0 | 79.3 |
| SW | 2.3 | 2.0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 2.3 | 3.1 | 10.2 | .0 | .0 | 80.3 |
| WSW | 1.4 | 1.7 | .3 | .0 | .0 | .0 | .0 | .9 | 4.3 | 4.1 | 14.5 | .0 | .0 | 73.6 |
| W | 1.9 | 2.2 | .3 | .0 | .0 | .0 | .0 | 1.2 | 5.3 | 3.1 | 15.0 | .0 | .0 | 73.1 |
| WNW | 2.5 | 2.9 | 2.0 | .0 | .0 | .0 | .0 | 2.9 | 7.4 | 2.9 | 11.9 | .0 | .0 | 73.0 |
| NW | 2.9 | 3.3 | 1.6 | .0 | .0 | .0 | .0 | 2.0 | 8.2 | 6.1 | 15.1 | .0 | .0 | 67.3 |
| NNW | 3.0 | 4.2 | 1.4 | .0 | .0 | .0 | .0 | 2.3 | 8.6 | 7.9 | 17.0 | .0 | .0 | 63.4 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 2.4 | 1.0 | .0 | .0 | .0 | .0 | .0 | .4 | 10.2 | 14.3 | 19.0 | .0 | .0 | 62.5 |
| TOTALS | 456 | 248 | 37 | 0 | 0 | 0 | 0 | 122 | 617 | 490 | 1569 | 0 | 0 | 7101 |
| % TOTAL | 4.5 | 2.5 | .4 | .0 | .0 | .0 | .0 | 1.2 | 6.1 | 4.9 | 15.6 | .0 | .0 | 70.5 |

TOTAL NUMBER OF OBSERVATIONS : 10076

NOTES :
= PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT

| WIND DIR. | RAIN | RAIN SHOWERS | PRIZZLE | FREEZE RAIN | SLEET " SHOWERS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|-----------------|---------|----------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 5.5 | .4 | .9 | .0 | .0 | .0 | .0 | .1 | 10.2 | 4.8 | 10.0 | .0 | .0 | 74.8 |
| NNE | 6.0 | .7 | .8 | .0 | .0 | .0 | .0 | .0 | 9.0 | 4.5 | 9.4 | .0 | .0 | 75.5 |
| NE | 6.3 | 1.0 | .5 | .0 | .0 | .0 | .0 | .4 | 8.6 | 3.5 | 11.5 | .0 | .0 | 73.0 |
| ENE | 7.0 | 2.0 | .2 | .0 | .0 | .0 | .0 | .4 | 5.3 | 2.2 | 12.7 | .0 | .0 | 74.8 |
| E | 4.5 | 2.9 | .2 | .0 | .0 | .0 | .0 | .7 | 4.9 | 1.6 | 13.2 | .0 | .0 | 76.1 |
| ESE | 4.5 | 3.6 | .0 | .0 | .0 | .0 | .0 | .3 | 3.3 | 2.7 | 13.9 | .0 | .0 | 74.4 |
| SE | 4.0 | 2.2 | .0 | .0 | .0 | .0 | .0 | .4 | 4.4 | 1.5 | 15.7 | .0 | .0 | 74.1 |
| SSE | 3.2 | 2.8 | .0 | .0 | .0 | .0 | .0 | .4 | 4.0 | 2.4 | 9.3 | .0 | .0 | 81.5 |
| S | 3.9 | 1.9 | .4 | .0 | .0 | .0 | .0 | 1.2 | 3.7 | 3.1 | 7.2 | .0 | .0 | 80.6 |
| SSW | 2.5 | 1.2 | .6 | .0 | .0 | .0 | .0 | .3 | 5.0 | 1.6 | 7.5 | .0 | .0 | 83.2 |
| SW | 2.5 | 1.9 | .5 | .0 | .0 | .0 | .0 | .5 | 3.8 | 3.3 | 7.4 | .0 | .0 | 83.2 |
| WSW | 2.2 | .7 | .5 | .0 | .0 | .0 | .0 | .0 | 6.8 | 3.6 | 5.4 | .0 | .0 | 84.4 |
| W | 1.4 | .8 | .4 | .0 | .0 | .0 | .0 | .2 | 4.1 | 4.9 | 6.6 | .0 | .0 | 84.3 |
| WNW | 1.4 | 1.4 | .9 | .0 | .0 | .0 | .0 | .3 | 4.1 | 4.9 | 7.8 | .0 | .0 | 82.3 |
| NW | 5.1 | 1.1 | 1.3 | .0 | .0 | .0 | .0 | .3 | 6.9 | 5.6 | 9.5 | .0 | .0 | 76.9 |
| NNW | 4.0 | .7 | 1.7 | .0 | .0 | .0 | .0 | .3 | 10.3 | 6.4 | 10.4 | .0 | .0 | 73.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | 9.3 | 14.9 | 18.1 | .0 | .0 | 68.0 |
| TOTALS | 454 | 119 | 65 | 0 | 0 | 0 | 0 | 30 | 766 | 494 | 1090 | 0 | 0 | 7945 |
| % TOTAL | 4.4 | 1.1 | .6 | .0 | .0 | .0 | .0 | .3 | 7.4 | 4.7 | 10.5 | .0 | .0 | 76.3 |

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV

| WIND DIR. | RAIN | RAIN SHOWERS | DRIZZLE | FREEZE RAIN | SLEET " SHOWERS | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLowing SNOW | BLowing SAND DUST | NO WEATHER |
|-----------|------|--------------|---------|-------------|-----------------|------------------------|-----------------|-------------------------|------|--------------------|------------|--------------|-------------------|------------|
| N | 4.8 | .5 | 2.1 | .0 | .0 | .0 | .0 | .1 | 12.5 | 3.9 | 11.3 | .0 | .0 | 73.7 |
| NNE | 7.7 | .6 | 1.6 | .0 | .0 | .0 | .0 | .0 | 12.8 | 3.0 | 11.2 | .0 | .0 | 73.7 |
| NE | 6.2 | .4 | 1.0 | .0 | .0 | .0 | .0 | .0 | 11.3 | 4.3 | 14.4 | .0 | .0 | 70.7 |
| ENE | 7.4 | .2 | .7 | .0 | .0 | .0 | .0 | .0 | 12.3 | 2.5 | 17.7 | .0 | .0 | 68.1 |
| E | 5.6 | 1.3 | .3 | .0 | .0 | .0 | .0 | .0 | 11.0 | 3.0 | 19.9 | .0 | .0 | 62.6 |
| ESE | 4.5 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 4.2 | 22.6 | .0 | .0 | 64.2 |
| SE | 5.9 | 1.7 | .0 | .0 | .0 | .0 | .0 | .0 | 8.0 | 3.8 | 14.7 | .0 | .0 | 68.5 |
| SSE | 7.7 | 3.2 | .0 | .0 | .0 | .0 | .0 | .0 | 10.9 | 2.0 | 9.7 | .0 | .0 | 71.8 |
| S | 5.6 | 1.5 | .0 | .0 | .0 | .0 | .0 | .3 | 7.3 | 2.5 | 5.7 | .0 | .0 | 80.2 |
| SSW | 5.2 | 2.5 | .0 | .0 | .0 | .0 | .0 | .5 | 5.2 | 1.1 | 3.1 | .0 | .0 | 82.9 |
| SW | 3.3 | 1.7 | .5 | .0 | .0 | .0 | .0 | .0 | 5.5 | 2.4 | 4.8 | .0 | .0 | 82.9 |
| WSW | 1.8 | 1.4 | .2 | .0 | .0 | .0 | .0 | .3 | 3.4 | 2.4 | 3.2 | .0 | .0 | 85.9 |
| W | 2.4 | .8 | .5 | .0 | .0 | .0 | .0 | .1 | 4.2 | 1.7 | 4.2 | .0 | .0 | 87.7 |
| WNW | 3.1 | .7 | .9 | .0 | .0 | .0 | .0 | .4 | 5.8 | 2.2 | 5.1 | .0 | .0 | 84.7 |
| NW | 2.4 | .6 | 1.7 | .0 | .0 | .0 | .0 | .2 | 14.2 | 4.9 | 7.7 | .0 | .0 | 75.1 |
| NNW | 3.1 | .0 | 2.0 | .0 | .0 | .0 | .0 | .0 | 11.8 | 5.8 | 10.6 | .0 | .0 | 75.9 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 1.8 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | 13.5 | 13.7 | 17.8 | .0 | .0 | 65.2 |
| TOTALS | 456 | 91 | 88 | .0 | .0 | .0 | .0 | 12 | 964 | 399 | 1030 | .0 | .0 | 7638 |
| % TOTAL | 4.5 | .9 | .9 | .0 | .0 | .0 | .0 | .1 | 9.6 | 4.0 | 19.2 | .0 | .0 | 75.8 |

TOTAL NUMBER OF OBSERVATIONS : 10079

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC

| WIND DIR. | RAIN | RAIN SHOWERS | CRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWERS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|-----------------|---------|--------------------------|---------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 8.6 | .5 | 2.7 | .1 | .0 | .4 | .0 | .1 | 13.7 | 2.4 | 7.1 | .0 | .0 | 73.2 |
| NNE | 9.6 | .1 | 1.2 | .0 | .1 | .0 | .0 | .0 | 10.5 | 2.1 | 9.2 | .0 | .0 | 75.2 |
| NE | 11.1 | .3 | 1.4 | .0 | .0 | .0 | .0 | .0 | 8.8 | 2.0 | 8.8 | .0 | .0 | 75.0 |
| ENE | 10.7 | .6 | 3.0 | .0 | .0 | .0 | .0 | .0 | 15.1 | 2.1 | 20.4 | .0 | .0 | 60.4 |
| E | 8.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10.6 | 5.3 | 24.1 | .0 | .0 | 62.9 |
| ESE | 8.3 | 2.6 | .0 | .0 | .0 | .0 | .0 | .0 | 16.5 | 3.0 | 24.8 | .0 | .0 | 57.8 |
| SE | 11.5 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | 15.0 | 8.0 | 27.6 | .0 | .0 | 54.5 |
| SSE | 10.0 | 1.4 | .0 | .0 | .0 | .0 | .0 | .3 | 10.7 | 6.6 | 17.3 | .0 | .0 | 65.1 |
| S | 9.5 | 1.3 | .3 | .0 | .0 | .0 | .0 | .2 | 9.7 | 2.3 | 7.0 | .0 | .0 | 74.2 |
| SSW | 7.4 | 2.0 | .4 | .0 | .0 | .0 | .0 | .0 | 7.2 | 3.1 | 5.5 | .0 | .0 | 76.7 |
| SW | 6.4 | .8 | .3 | .0 | .0 | .0 | .0 | .0 | 6.9 | 2.4 | 3.7 | .0 | .0 | 79.5 |
| WSW | 1.6 | .3 | .8 | .0 | .0 | .0 | .0 | .1 | 3.9 | 2.2 | 3.4 | .0 | .0 | 87.2 |
| W | 3.5 | 1.5 | .5 | .0 | .0 | .0 | .0 | .1 | 3.6 | 1.1 | 3.0 | .0 | .0 | 86.8 |
| WNW | 4.6 | .6 | 1.5 | .0 | .0 | .0 | .0 | .3 | 6.8 | 1.7 | 4.6 | .0 | .0 | 81.6 |
| NW | 5.3 | .6 | 1.5 | .0 | .0 | .4 | .0 | .2 | 14.8 | 2.3 | 6.8 | .0 | .0 | 71.3 |
| NNW | 8.9 | .3 | 3.0 | .0 | .0 | .2 | .0 | .0 | 19.1 | 2.5 | 8.9 | .0 | .0 | 68.2 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 2.5 | .4 | .3 | .0 | .0 | .0 | .0 | .1 | 16.2 | 9.1 | 20.6 | .0 | .0 | 60.5 |
| TOTALS | 736 | 82 | 120 | 1 | 1 | 7 | 0 | 9 | 1090 | 318 | 985 | 0 | 0 | 7697 |
| % TOTAL | 7.1 | .8 | 1.2 | .0* | .0* | .1 | .0 | .1 | 10.5 | 3.1 | 9.5 | .0 | .0 | 73.9 |

TOTAL NUMBER OF OBSERVATIONS : 10415

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13860 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN

| WIND DIR. | RAIN | RAIN SHOWRS | DRIZZLE | FREEZE RAIN FREEZE | SLEET " SHOWRS ICE | SNOW " GRAINS " PELLET | HAIL SMALL HAIL | THUNDER TORNADO SQUALLS | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|--------------|------|----------------|---------|--------------------------|--------------------------|------------------------------|-----------------------|-------------------------------|------|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 6.4 | 1.5 | 1.7 | .1 | .0* | .2 | .0 | .9 | 12.1 | 4.2 | 12.0 | .0* | .0 | 69.8 |
| NNE | 8.0 | 1.4 | 1.4 | .2 | .1 | .1 | .0 | .6 | 11.3 | 4.1 | 13.6 | .0 | .0 | 68.7 |
| NE | 8.4 | 2.0 | .9 | .0* | .0* | .0* | .0* | .9 | 10.1 | 3.8 | 16.2 | .0 | .0 | 67.2 |
| ENE | 9.4 | 2.7 | .7 | .0 | .0* | .0 | .0 | 1.3 | 10.1 | 3.0 | 20.1 | .0 | .0 | 63.0 |
| E | 5.9 | 3.7 | .3 | .0 | .0 | .0 | .0 | 1.7 | 8.0 | 2.8 | 20.9 | .0 | .0* | 65.1 |
| ESE | 5.1 | 3.7 | .3 | .0 | .0 | .0 | .0 | 1.7 | 7.1 | 2.9 | 20.7 | .0 | .0 | 66.2 |
| SE | 4.3 | 4.3 | .1 | .0 | .0 | .0 | .0 | 2.6 | 5.9 | 2.9 | 16.0 | .0 | .0 | 70.7 |
| SSE | 4.4 | 3.3 | .1 | .0 | .0 | .0 | .0 | 2.4 | 4.8 | 2.0 | 11.2 | .0 | .0* | 76.0 |
| S | 3.3 | 2.9 | .1 | .0 | .0 | .0 | .0 | 2.0 | 4.0 | 1.6 | 9.1 | .0 | .0* | 79.5 |
| SSW | 3.4 | 2.9 | .1 | .0 | .0 | .0* | .0 | 1.6 | 3.7 | 1.6 | 7.1 | .0 | .0* | 81.5 |
| SW | 2.7 | 2.7 | .2 | .0 | .0 | .0 | .0 | 1.5 | 3.7 | 1.9 | 6.8 | .0* | .1 | 82.5 |
| WSW | 2.0 | 1.8 | .3 | .0 | .0 | .0 | .0 | 1.0 | 3.7 | 1.6 | 6.1 | .0 | .1 | 84.3 |
| W | 2.2 | 1.8 | .3 | .0 | .0 | .0* | .0 | 1.1 | 3.5 | 1.7 | 5.8 | .0 | .1 | 84.2 |
| WNW | 2.5 | 1.7 | 1.0 | .0 | .0 | .1 | .0 | 1.2 | 5.3 | 1.9 | 5.9 | .0 | .1 | 82.4 |
| NW | 3.5 | 2.1 | 1.4 | .0 | .0* | .2 | .0 | 1.2 | 9.3 | 3.0 | 7.6 | .0 | .1 | 76.0 |
| NNW | 5.0 | 1.7 | 1.9 | .1 | .0* | .1 | .0 | 1.1 | 12.2 | 4.5 | 10.8 | .0 | .0* | 70.8 |
| VAR | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CLM | 1.6 | .6 | .2 | .0 | .0 | .0 | .0 | .3 | 10.0 | 11.3 | 17.9 | .0* | .0 | 66.9 |
| TOTALS | 5590 | 2801 | 800 | 43 | 21 | 58 | 1 | 1597 | 8920 | 4004 | 14283 | 4 | 50 | 91408 |
| % TOTAL | 4.6 | 2.3 | .7 | .0* | .0* | .0* | .0* | 1.3 | 7.3 | 3.3 | 11.6 | .0* | .0* | 74.5 |

TOTAL NUMBER OF OBSERVATIONS : 122684

NOTES :
* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

| HOURS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| MEAN | 43.6 | 45.5 | 51.6 | 58.4 | 65.5 | 71.7 | 74.6 | 74.1 | 70.0 | 60.2 | 51.6 | 45.4 | 59.4 |
| S.D. | 11.035 | 10.712 | 9.590 | 7.802 | 6.017 | 4.775 | 3.514 | 3.628 | 5.188 | 8.623 | 10.628 | 11.223 | 13.925 |
| TOT OBS | 1301 | 1185 | 1302 | 1260 | 1302 | 1259 | 1302 | 1302 | 1260 | 1301 | 1260 | 1302 | 15336 |
| MEAN | 42.2 | 43.8 | 50.0 | 56.3 | 63.8 | 70.2 | 73.4 | 72.8 | 68.6 | 58.7 | 50.1 | 44.0 | 57.9 |
| S.D. | 11.590 | 11.129 | 10.173 | 8.408 | 5.479 | 4.966 | 3.429 | 3.630 | 5.479 | 8.963 | 11.103 | 11.612 | 14.190 |
| TOT OBS | 1301 | 1186 | 1300 | 1260 | 1301 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1301 | 15334 |
| MEAN | 41.2 | 42.8 | 49.3 | 57.7 | 66.7 | 73.2 | 75.7 | 74.3 | 69.1 | 58.4 | 49.3 | 43.0 | 58.5 |
| S.D. | 11.832 | 11.420 | 10.389 | 7.971 | 5.827 | 4.513 | 3.050 | 3.491 | 5.504 | 9.049 | 11.302 | 11.758 | 15.231 |
| TOT OBS | 1302 | 1186 | 1300 | 1260 | 1301 | 1259 | 1302 | 1301 | 1260 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 48.8 | 51.7 | 59.7 | 68.9 | 76.3 | 81.5 | 83.6 | 82.8 | 78.4 | 69.6 | 60.2 | 51.4 | 67.8 |
| S.D. | 11.135 | 10.783 | 10.074 | 7.574 | 6.087 | 5.104 | 3.964 | 4.354 | 5.906 | 7.431 | 9.396 | 10.330 | 14.836 |
| TOT OBS | 1302 | 1186 | 1302 | 1260 | 1300 | 1260 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15338 |
| MEAN | 55.6 | 58.3 | 65.2 | 73.5 | 80.2 | 84.9 | 86.8 | 86.2 | 82.1 | 74.7 | 66.4 | 58.3 | 72.7 |
| S.D. | 11.498 | 11.097 | 10.357 | 7.938 | 6.603 | 5.961 | 5.230 | 5.285 | 6.093 | 7.323 | 9.274 | 10.483 | 13.922 |
| TOT OBS | 1301 | 1186 | 1302 | 1260 | 1302 | 1259 | 1302 | 1301 | 1259 | 1302 | 1260 | 1302 | 15336 |
| MEAN | 55.8 | 58.7 | 64.8 | 72.7 | 78.9 | 83.4 | 85.1 | 84.6 | 80.9 | 73.8 | 65.3 | 56.1 | 71.9 |
| S.D. | 10.820 | 10.247 | 9.629 | 7.339 | 6.387 | 5.865 | 5.591 | 5.493 | 5.655 | 6.848 | 8.623 | 9.754 | 13.140 |
| TOT OBS | 1302 | 1185 | 1302 | 1259 | 1302 | 1259 | 1302 | 1302 | 1258 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 48.6 | 51.5 | 57.9 | 65.5 | 72.5 | 78.1 | 80.2 | 79.2 | 74.7 | 65.5 | 56.6 | 50.4 | 65.1 |
| S.D. | 9.908 | 9.123 | 8.374 | 6.126 | 4.997 | 4.474 | 4.005 | 3.835 | 4.723 | 7.132 | 9.086 | 9.677 | 13.403 |
| TOT OBS | 1301 | 1185 | 1301 | 1260 | 1300 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15334 |
| MEAN | 45.3 | 47.6 | 53.8 | 60.7 | 67.7 | 73.7 | 76.4 | 75.6 | 71.5 | 62.0 | 53.2 | 47.2 | 61.3 |
| S.D. | 10.493 | 9.907 | 8.871 | 6.884 | 5.445 | 4.305 | 3.327 | 3.516 | 4.903 | 8.025 | 10.067 | 10.505 | 13.556 |
| TOT OBS | 1302 | 1185 | 1302 | 1260 | 1301 | 1258 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15336 |
| MEAN | 47.6 | 50.0 | 56.5 | 64.2 | 71.4 | 77.1 | 79.5 | 78.7 | 74.4 | 65.4 | 56.6 | 49.7 | 64.3 |
| S.D. | 12.259 | 12.038 | 11.379 | 9.907 | 8.476 | 7.313 | 6.324 | 6.473 | 7.456 | 10.089 | 11.795 | 12.059 | 15.112 |
| TOT OBS | 10412 | 9484 | 10411 | 10079 | 10409 | 10072 | 10416 | 10414 | 10077 | 10415 | 10080 | 10415 | 122684 |

WET-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)J13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

| HOURS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| MEAN | 41.1 | 42.6 | 48.5 | 55.4 | 63.1 | 69.4 | 72.5 | 72.1 | 68.1 | 58.1 | 49.4 | 43.0 | 57.0 |
| S.D. | 11.410 | 10.999 | 10.047 | 8.102 | 6.162 | 4.763 | 3.180 | 3.423 | 5.507 | 8.931 | 11.053 | 11.584 | 14.236 |
| TOT OBS | 1301 | 1185 | 1304 | 1260 | 1303 | 1259 | 1302 | 1302 | 1260 | 1301 | 1259 | 1302 | 15338 |
| MEAN | 40.1 | 41.4 | 47.4 | 53.9 | 61.9 | 68.3 | 71.6 | 71.1 | 66.9 | 56.8 | 48.1 | 41.8 | 55.8 |
| S.D. | 11.927 | 11.399 | 10.565 | 8.752 | 6.638 | 5.025 | 3.191 | 3.477 | 5.852 | 9.334 | 11.484 | 11.944 | 14.519 |
| TOT OBS | 1301 | 1186 | 1300 | 1260 | 1301 | 1259 | 1302 | 1302 | 1260 | 1302 | 1259 | 1301 | 15333 |
| MEAN | 39.3 | 40.6 | 46.9 | 54.9 | 63.7 | 70.1 | 72.9 | 72.1 | 67.3 | 56.5 | 47.4 | 41.0 | 56.1 |
| S.D. | 12.201 | 11.768 | 10.822 | 8.575 | 6.280 | 4.674 | 2.906 | 3.447 | 5.986 | 9.457 | 11.677 | 12.075 | 15.254 |
| TOT OBS | 1302 | 1186 | 1300 | 1260 | 1301 | 1259 | 1302 | 1301 | 1260 | 1302 | 1259 | 1302 | 15334 |
| MEAN | 44.2 | 46.0 | 52.2 | 59.5 | 66.9 | 72.6 | 75.5 | 75.1 | 71.3 | 62.5 | 54.0 | 46.6 | 60.6 |
| S.D. | 11.483 | 11.011 | 10.107 | 7.902 | 5.848 | 4.437 | 2.828 | 3.315 | 5.480 | 7.953 | 10.263 | 11.021 | 13.943 |
| TOT OBS | 1302 | 1186 | 1302 | 1260 | 1300 | 1260 | 1301 | 1302 | 1258 | 1302 | 1260 | 1302 | 15337 |
| MEAN | 47.6 | 49.1 | 54.4 | 60.9 | 67.6 | 73.4 | 76.2 | 75.8 | 72.2 | 64.1 | 56.3 | 49.9 | 62.4 |
| S.D. | 10.960 | 10.376 | 9.408 | 7.305 | 5.594 | 4.384 | 2.954 | 3.255 | 4.850 | 7.293 | 9.512 | 10.432 | 12.865 |
| TOT OBS | 1301 | 1186 | 1302 | 1260 | 1302 | 1259 | 1302 | 1301 | 1258 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 47.7 | 49.4 | 54.3 | 60.8 | 67.7 | 73.1 | 75.8 | 75.4 | 72.0 | 63.8 | 56.1 | 49.9 | 62.2 |
| S.D. | 10.482 | 9.700 | 8.860 | 6.904 | 5.285 | 4.257 | 3.109 | 3.321 | 4.749 | 7.072 | 9.277 | 10.117 | 12.555 |
| TOT OBS | 1302 | 1185 | 1302 | 1259 | 1302 | 1259 | 1302 | 1302 | 1258 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 44.3 | 46.2 | 51.6 | 59.5 | 65.9 | 71.7 | 74.5 | 74.1 | 70.3 | 61.4 | 52.7 | 46.5 | 59.9 |
| S.D. | 10.605 | 9.780 | 8.874 | 7.008 | 5.319 | 4.144 | 2.977 | 3.192 | 4.896 | 7.587 | 9.919 | 10.539 | 13.296 |
| TOT OBS | 1301 | 1185 | 1301 | 1260 | 1300 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15334 |
| MEAN | 42.3 | 44.1 | 50.0 | 57.0 | 64.5 | 70.5 | 73.4 | 72.9 | 69.0 | 59.4 | 50.5 | 44.4 | 58.2 |
| S.D. | 10.958 | 10.299 | 9.395 | 7.407 | 5.665 | 4.367 | 2.938 | 3.233 | 5.238 | 8.358 | 10.564 | 11.057 | 13.813 |
| TOT OBS | 1302 | 1185 | 1302 | 1260 | 1301 | 1258 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15336 |
| MEAN | 43.3 | 44.9 | 50.7 | 57.0 | 65.2 | 71.2 | 74.0 | 73.6 | 69.6 | 60.3 | 51.8 | 45.4 | 59.0 |
| S.D. | 11.657 | 11.127 | 10.184 | 8.179 | 6.226 | 4.839 | 3.405 | 3.719 | 5.686 | 8.766 | 10.989 | 11.563 | 14.049 |
| TOT OBS | 13412 | 9484 | 10413 | 10379 | 10410 | 10072 | 10415 | 10414 | 10076 | 10415 | 10077 | 10415 | 122682 |

17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)W13830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

| HOURS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| MEAN | 37.3 | 38.6 | 45.1 | 52.8 | 61.7 | 68.2 | 71.5 | 71.1 | 67.0 | 56.4 | 46.9 | 39.6 | 54.8 |
| S.D. | 14.098 | 13.612 | 12.462 | 9.845 | 6.848 | 5.191 | 3.353 | 3.589 | 6.119 | 9.944 | 12.837 | 13.950 | 16.080 |
| TOT OBS | 1301 | 1185 | 1304 | 1260 | 1303 | 1259 | 1302 | 1302 | 1260 | 1301 | 1259 | 1303 | 15339 |
| MEAN | 36.6 | 37.7 | 44.3 | 51.6 | 60.6 | 67.3 | 70.7 | 70.4 | 66.0 | 55.2 | 45.8 | 38.7 | 53.8 |
| S.D. | 14.453 | 13.847 | 12.816 | 10.340 | 7.270 | 5.428 | 3.366 | 3.639 | 6.438 | 10.375 | 13.163 | 14.106 | 16.265 |
| TOT OBS | 1301 | 1186 | 1299 | 1260 | 1301 | 1259 | 1302 | 1302 | 1260 | 1302 | 1259 | 1301 | 15332 |
| MEAN | 35.9 | 37.0 | 43.9 | 52.4 | 61.8 | 68.6 | 71.6 | 71.1 | 66.1 | 54.9 | 45.2 | 37.9 | 54.0 |
| S.D. | 14.680 | 14.237 | 12.999 | 10.384 | 7.451 | 5.349 | 3.263 | 3.720 | 6.684 | 10.523 | 13.286 | 14.168 | 16.847 |
| TOT OBS | 1302 | 1186 | 1300 | 1260 | 1301 | 1259 | 1302 | 1301 | 1260 | 1302 | 1259 | 1302 | 15334 |
| MEAN | 38.0 | 38.7 | 44.5 | 51.9 | 61.3 | 68.4 | 72.0 | 71.8 | 67.6 | 57.4 | 47.9 | 40.4 | 55.1 |
| S.D. | 15.285 | 15.230 | 14.315 | 11.825 | 8.185 | 5.791 | 3.482 | 3.885 | 6.665 | 10.591 | 14.002 | 14.763 | 16.822 |
| TOT OBS | 1302 | 1186 | 1302 | 1260 | 1300 | 1261 | 1301 | 1302 | 1260 | 1302 | 1260 | 1302 | 15338 |
| MEAN | 37.7 | 38.3 | 43.9 | 51.2 | 60.6 | 68.0 | 71.7 | 71.4 | 67.3 | 56.8 | 47.0 | 40.3 | 54.6 |
| S.D. | 16.106 | 15.604 | 14.376 | 11.740 | 8.451 | 6.073 | 3.866 | 3.965 | 6.305 | 10.627 | 14.330 | 15.442 | 16.995 |
| TOT OBS | 1301 | 1186 | 1302 | 1260 | 1301 | 1259 | 1302 | 1301 | 1259 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 37.7 | 38.4 | 43.9 | 51.6 | 61.1 | 68.3 | 71.9 | 71.4 | 67.5 | 56.9 | 47.3 | 40.3 | 54.8 |
| S.D. | 15.969 | 15.256 | 14.056 | 11.555 | 8.255 | 6.034 | 3.951 | 4.057 | 6.338 | 10.546 | 14.280 | 15.511 | 16.967 |
| TOT OBS | 1302 | 1185 | 1302 | 1259 | 1302 | 1259 | 1302 | 1302 | 1256 | 1302 | 1260 | 1302 | 15335 |
| MEAN | 38.5 | 39.5 | 45.0 | 52.9 | 61.9 | 68.6 | 72.0 | 71.8 | 68.0 | 58.5 | 48.9 | 41.5 | 55.6 |
| S.D. | 14.482 | 13.874 | 12.875 | 10.770 | 7.427 | 5.448 | 3.595 | 3.748 | 5.827 | 9.038 | 12.440 | 13.927 | 16.001 |
| TOT OBS | 1301 | 1185 | 1301 | 1260 | 1300 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15334 |
| MEAN | 38.0 | 39.6 | 45.9 | 53.5 | 62.5 | 68.9 | 72.1 | 71.7 | 67.6 | 57.5 | 47.7 | 40.7 | 55.6 |
| S.D. | 13.937 | 13.217 | 12.035 | 9.540 | 6.611 | 4.977 | 3.234 | 3.463 | 5.938 | 9.425 | 12.470 | 13.655 | 15.825 |
| TOT OBS | 1302 | 1185 | 1302 | 1260 | 1301 | 1258 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15336 |
| MEAN | 37.5 | 38.5 | 44.6 | 52.2 | 61.4 | 68.3 | 71.7 | 71.3 | 67.2 | 56.7 | 47.1 | 39.9 | 54.8 |
| S.D. | 14.911 | 14.401 | 13.275 | 10.809 | 7.610 | 5.565 | 3.546 | 3.789 | 6.333 | 10.207 | 13.412 | 14.491 | 16.493 |
| TOT OBS | 10412 | 9484 | 10412 | 10079 | 10409 | 10073 | 10415 | 10414 | 10077 | 10415 | 10077 | 10416 | 122683 |

12 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MS)
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

| HOURS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| 01 | MEAN S.D. TOT OBS | 1020.5 6.645 1301 | 1019.3 6.987 1186 | 1017.7 6.439 1302 | 1017.4 6.095 1260 | 1016.2 4.532 1302 | 1016.2 3.801 1259 | 1017.3 3.196 1302 | 1017.0 3.333 1302 | 1017.3 4.017 1260 | 1018.3 5.063 1301 | 1019.4 5.807 1260 | 1018.1 5.545 15337 |
| 04 | MEAN S.D. TOT OBS | 1020.3 6.722 1301 | 1018.9 7.041 1185 | 1017.1 6.563 1301 | 1017.1 6.055 1260 | 1015.9 4.531 1302 | 1015.8 3.776 1259 | 1016.9 3.172 1302 | 1016.5 3.342 1302 | 1016.9 4.025 1260 | 1018.0 5.142 1302 | 1019.2 5.810 1260 | 1017.8 5.602 15336 |
| 07 | MEAN S.D. TOT OBS | 1021.0 6.848 1302 | 1019.7 7.175 1186 | 1018.3 6.714 1301 | 1018.5 6.114 1260 | 1017.1 4.611 1300 | 1016.9 3.808 1259 | 1017.9 3.200 1302 | 1017.6 3.366 1301 | 1018.0 4.087 1260 | 1019.0 5.236 1302 | 1020.1 5.909 1260 | 1018.8 5.642 15335 |
| 10 | MEAN S.D. TOT OBS | 1022.2 6.974 1301 | 1020.7 7.357 1186 | 1019.1 6.867 1302 | 1019.5 6.267 1260 | 1017.5 4.714 1300 | 1017.3 3.867 1260 | 1018.4 3.247 1302 | 1018.2 3.429 1301 | 1018.6 4.190 1260 | 1019.7 5.347 1302 | 1021.0 6.049 1260 | 1019.5 5.817 15336 |
| 13 | MEAN S.D. TOT OBS | 1020.1 6.994 1301 | 1019.1 7.404 1186 | 1017.7 6.872 1302 | 1017.7 6.279 1260 | 1016.5 4.764 1302 | 1016.5 3.902 1260 | 1017.6 3.286 1301 | 1017.3 3.467 1301 | 1017.6 4.241 1259 | 1018.2 5.354 1302 | 1019.1 6.074 1260 | 1018.1 5.734 15336 |
| 16 | MEAN S.D. TOT OBS | 1019.4 6.862 1302 | 1017.8 7.332 1185 | 1016.4 6.737 1302 | 1016.4 6.286 1259 | 1015.4 4.749 1302 | 1015.4 3.955 1260 | 1016.5 3.296 1302 | 1016.1 3.407 1302 | 1016.5 4.188 1258 | 1017.4 5.254 1302 | 1018.4 5.981 1260 | 1017.1 5.711 15336 |
| 19 | MEAN S.D. TOT OBS | 1020.5 6.729 1301 | 1018.7 7.211 1185 | 1017.1 6.592 1301 | 1016.8 6.182 1260 | 1015.7 4.621 1300 | 1015.7 3.868 1259 | 1016.8 3.223 1302 | 1016.5 3.289 1302 | 1016.9 4.112 1260 | 1018.1 5.144 1302 | 1019.3 5.852 1260 | 1017.7 5.675 15334 |
| 22 | MEAN S.D. TOT OBS | 1020.9 6.671 1302 | 1019.4 7.061 1185 | 1018.0 6.456 1302 | 1017.9 6.095 1260 | 1016.7 4.533 1301 | 1016.7 3.761 1258 | 1017.8 3.190 1302 | 1017.5 3.303 1302 | 1017.8 4.042 1260 | 1018.8 5.112 1302 | 1019.8 5.837 1260 | 1018.5 5.554 15336 |
| ALL | MEAN S.D. TOT OBS | 1020.6 6.847 10411 | 1019.2 7.237 9494 | 1017.7 6.701 10413 | 1017.6 6.225 10079 | 1016.4 4.681 10409 | 1016.3 3.890 10074 | 1017.4 3.280 10415 | 1017.1 3.423 10413 | 1017.4 4.165 10077 | 1018.4 5.249 10415 | 1019.5 5.958 10090 | 1018.2 5.702 122686 |

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

| HOURS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 30.083 | 30.048 | 30.002 | 29.994 | 29.959 | 29.959 | 29.992 | 29.982 | 29.991 | 30.019 | 30.050 | 30.089 | 30.014 |
| S.D. | .194 | .203 | .187 | .176 | .130 | .109 | .091 | .095 | .115 | .147 | .169 | .188 | .161 |
| TOT OBS | 1301 | 1184 | 1301 | 1259 | 1301 | 1259 | 1302 | 1302 | 1260 | 1301 | 1260 | 1302 | 15332 |
| MEAN | 30.078 | 30.035 | 29.986 | 29.984 | 29.950 | 29.947 | 29.978 | 29.967 | 29.978 | 30.010 | 30.045 | 30.086 | 30.004 |
| S.D. | .196 | .204 | .191 | .175 | .130 | .108 | .091 | .095 | .116 | .148 | .158 | .189 | .162 |
| TOT OBS | 1303 | 1186 | 1301 | 1260 | 1302 | 1258 | 1301 | 1302 | 1260 | 1301 | 1260 | 1302 | 15333 |
| MEAN | 30.098 | 30.061 | 30.020 | 30.024 | 29.985 | 29.978 | 30.008 | 29.998 | 30.009 | 30.040 | 30.072 | 30.108 | 30.033 |
| S.D. | .200 | .209 | .195 | .178 | .133 | .109 | .092 | .097 | .118 | .151 | .172 | .191 | .164 |
| TOT OBS | 1302 | 1186 | 1301 | 1259 | 1301 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15334 |
| MEAN | 30.135 | 30.090 | 30.043 | 30.039 | 29.997 | 29.990 | 30.022 | 30.016 | 30.030 | 30.062 | 30.097 | 30.141 | 30.055 |
| S.D. | .204 | .214 | .200 | .182 | .136 | .111 | .094 | .099 | .121 | .155 | .176 | .193 | .169 |
| TOT OBS | 1302 | 1186 | 1302 | 1260 | 1300 | 1259 | 1301 | 1302 | 1260 | 1302 | 1260 | 1302 | 15336 |
| MEAN | 30.073 | 30.042 | 30.002 | 30.003 | 29.969 | 29.967 | 30.000 | 29.991 | 29.998 | 30.017 | 30.042 | 30.080 | 30.015 |
| S.D. | .204 | .215 | .199 | .182 | .137 | .112 | .094 | .099 | .122 | .154 | .176 | .193 | .166 |
| TOT OBS | 1301 | 1186 | 1302 | 1259 | 1301 | 1259 | 1301 | 1300 | 1259 | 1302 | 1260 | 1302 | 15332 |
| MEAN | 30.053 | 30.006 | 29.964 | 29.965 | 29.935 | 29.936 | 29.969 | 29.957 | 29.966 | 29.993 | 30.022 | 30.062 | 29.986 |
| S.D. | .200 | .213 | .195 | .182 | .136 | .113 | .094 | .097 | .121 | .151 | .173 | .190 | .165 |
| TOT OBS | 1302 | 1185 | 1302 | 1259 | 1302 | 1260 | 1302 | 1302 | 1259 | 1301 | 1260 | 1302 | 15336 |
| MEAN | 30.082 | 30.032 | 29.984 | 29.976 | 29.945 | 29.944 | 29.976 | 29.966 | 29.979 | 30.015 | 30.049 | 30.088 | 30.003 |
| S.D. | .196 | .210 | .191 | .179 | .134 | .111 | .092 | .093 | .118 | .148 | .170 | .188 | .164 |
| TOT OBS | 1301 | 1184 | 1300 | 1260 | 1300 | 1259 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15332 |
| MEAN | 30.097 | 30.052 | 30.010 | 30.004 | 29.973 | 29.973 | 30.004 | 29.995 | 30.006 | 30.034 | 30.064 | 30.100 | 30.026 |
| S.D. | .195 | .205 | .187 | .176 | .130 | .106 | .092 | .094 | .116 | .148 | .169 | .188 | .161 |
| TOT OBS | 1299 | 1185 | 1302 | 1260 | 1301 | 1258 | 1302 | 1302 | 1260 | 1302 | 1260 | 1302 | 15333 |
| MEAN | 30.087 | 30.046 | 30.001 | 29.999 | 29.964 | 29.962 | 29.994 | 29.984 | 29.995 | 30.024 | 30.055 | 30.094 | 30.017 |
| S.D. | .200 | .210 | .195 | .180 | .135 | .112 | .094 | .098 | .120 | .152 | .173 | .191 | .165 |
| TOT OBS | 13008 | 9462 | 10411 | 10076 | 10408 | 10071 | 10413 | 10412 | 10076 | 10413 | 10080 | 10416 | 122668 |

20 - FLYING WEATHER - PERCENT OF HOURS

613880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENT OF HOURS WITH
CEILING LESS THAN 1500 FEET & VISIBILITY LESS THAN 3.00 MILES

| HOUR (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 01 | 20 | 15 | 15 | 9 | 10 | 7 | 4 | 6 | 10 | 12 | 17 | 16 | 12 | 42 |
| 04 | 23 | 19 | 19 | 15 | 16 | 14 | 8 | 11 | 17 | 19 | 19 | 20 | 17 | 42 |
| 07 | 24 | 21 | 23 | 17 | 19 | 15 | 12 | 16 | 26 | 26 | 22 | 21 | 20 | 42 |
| 10 | 24 | 21 | 16 | 8 | 9 | 8 | 7 | 9 | 15 | 16 | 15 | 20 | 14 | 42 |
| 13 | 17 | 14 | 10 | 5 | 4 | 4 | 3 | 4 | 7 | 8 | 9 | 13 | 8 | 42 |
| 16 | 15 | 12 | 10 | 5 | 4 | 3 | 5 | 5 | 6 | 6 | 8 | 12 | 6 | 42 |
| 19 | 14 | 14 | 11 | 6 | 5 | 5 | 4 | 4 | 7 | 6 | 8 | 13 | 8 | 42 |
| 22 | 17 | 14 | 11 | 7 | 5 | 4 | 3 | 3 | 7 | 8 | 10 | 15 | 9 | 42 |
| ALL | 19 | 16 | 14 | 9 | 9 | 7 | 5 | 7 | 11 | 12 | 13 | 16 | 12 | 42 |

PERCENT OF HOURS WITH
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 3.00 MILES

| HOUR (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 01 | 18 | 14 | 13 | 7 | 8 | 5 | 3 | 5 | 8 | 10 | 14 | 15 | 10 | 42 |
| 04 | 20 | 17 | 18 | 13 | 14 | 12 | 7 | 10 | 16 | 16 | 17 | 17 | 15 | 42 |
| 07 | 22 | 19 | 21 | 14 | 16 | 13 | 10 | 15 | 23 | 24 | 21 | 19 | 18 | 42 |
| 10 | 20 | 17 | 12 | 5 | 5 | 4 | 3 | 5 | 10 | 10 | 12 | 16 | 10 | 42 |
| 13 | 14 | 10 | 8 | 3 | 2 | 2 | 2 | 4 | 4 | 4 | 7 | 10 | 6 | 42 |
| 16 | 11 | 9 | 8 | 4 | 3 | 2 | 3 | 4 | 4 | 4 | 6 | 9 | 6 | 42 |
| 19 | 12 | 11 | 9 | 5 | 3 | 3 | 3 | 3 | 5 | 4 | 6 | 11 | 6 | 42 |
| 22 | 15 | 11 | 10 | 5 | 4 | 2 | 2 | 2 | 5 | 6 | 8 | 14 | 7 | 42 |
| ALL | 16 | 13 | 12 | 7 | 7 | 5 | 4 | 6 | 9 | 10 | 11 | 13 | 9 | 42 |

PERCENT OF HOURS WITH
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 2 MILES

| HOUR (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 01 | 17 | 13 | 12 | 6 | 7 | 4 | 2 | 4 | 6 | 9 | 13 | 14 | 9 | 42 |
| 04 | 19 | 15 | 16 | 12 | 12 | 10 | 6 | 8 | 13 | 15 | 16 | 16 | 13 | 42 |
| 07 | 21 | 18 | 19 | 12 | 12 | 10 | 7 | 11 | 17 | 20 | 18 | 17 | 15 | 42 |
| 10 | 18 | 16 | 11 | 4 | 3 | 4 | 3 | 3 | 8 | 10 | 11 | 14 | 9 | 42 |
| 13 | 13 | 9 | 6 | 3 | 2 | 1 | 1 | 2 | 3 | 3 | 6 | 9 | 5 | 42 |
| 16 | 10 | 8 | 7 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 5 | 8 | 5 | 42 |
| 19 | 11 | 10 | 7 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 6 | 10 | 5 | 42 |
| 22 | 14 | 11 | 9 | 5 | 3 | 1 | 1 | 2 | 4 | 5 | 8 | 13 | 6 | 42 |
| ALL | 15 | 12 | 11 | 6 | 5 | 4 | 3 | 4 | 7 | 9 | 10 | 12 | 8 | 42 |

20 - FLYING WEATHER - PERCENT OF HOURS

013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CEILING LESS THAN
PERCENT OF HOURS WITH
500 FEET & VISIBILITY LESS THAN 1 MILES

| HOUR (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 01 | 12 | 7 | 7 | 3 | 3 | 2 | 1 | 2 | 2 | 5 | 8 | 9 | 5 | 42 |
| 04 | 14 | 9 | 9 | 7 | 7 | 3 | 3 | 5 | 7 | 9 | 11 | 11 | 8 | 42 |
| 07 | 14 | 10 | 10 | 7 | 6 | 5 | 4 | 6 | 10 | 10 | 12 | 11 | 9 | 42 |
| 10 | 9 | 6 | 4 | 1 | 0* | 0* | 0* | 1 | 1 | 2 | 4 | 7 | 3 | 42 |
| 13 | 4 | 3 | 2 | 0* | 0* | 0* | 0* | 0* | 1 | 1 | 2 | 3 | 1 | 42 |
| 16 | 5 | 3 | 1 | 0* | 1 | 1 | 0* | 0* | 1 | 1 | 2 | 3 | 1 | 42 |
| 19 | 6 | 5 | 3 | 1 | 0* | 0* | 0* | 1 | 1 | 1 | 3 | 6 | 2 | 42 |
| 22 | 8 | 6 | 4 | 2 | 1 | 0* | 0* | 1 | 1 | 2 | 5 | 6 | 3 | 42 |
| ALL | 9 | 6 | 5 | 3 | 2 | 2 | 1 | 2 | 3 | 4 | 6 | 7 | 4 | 42 |

CEILING LESS THAN
PERCENT OF HOURS WITH
200 FEET & VISIBILITY LESS THAN 1/2 MILES

| HOUR (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | # YRS |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|
| 01 | 5 | 2 | 3 | 1 | 1 | 0* | C | C* | 0* | 2 | 4 | 4 | 2 | 42 |
| 04 | 6 | 3 | 3 | 4 | 4 | 2 | 1 | 2 | 3 | 4 | 5 | 4 | 3 | 42 |
| 07 | 5 | 4 | 4 | 3 | 2 | 2 | 0* | 1 | 3 | 5 | 7 | 5 | 3 | 42 |
| 10 | 1 | 1 | 0* | 0 | 0 | 0 | 0 | 0* | 0 | 0* | 1 | 1 | 0* | 42 |
| 13 | 0* | 0* | 0* | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0* | 0* | 42 |
| 16 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0* | 0* | 0* | 42 |
| 19 | 1 | 1 | 0* | 0* | 0 | 0 | 0 | C | C | 0 | 0* | 0* | 0* | 42 |
| 22 | 3 | 2 | 1 | 0* | 0 | 0* | 0* | C | C | 1 | 2 | 2 | 1 | 42 |
| ALL | 3 | 1 | 1 | 1 | 1 | 0* | 0* | C* | 1 | 1 | 2 | 2 | 1 | 42 |

NOTE :
* = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

| TEMP (DEG F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| >=100 | .0 | .0 | .0 | .0 | .0 | .7 | 1.5 | .3 | .0 | .0 | .0 | .0 | .2 |
| >= 95 | .0 | .0 | .0 | .0 | 2.0 | 9.8 | 11.1 | 8.1 | 1.4 | .0 | .0 | .0 | 2.7 |
| >= 90 | .0 | .0 | .2 | 2.5 | 12.5 | 33.8 | 57.4 | 45.1 | 16.7 | 1.2 | .0 | .0 | 13.7 |
| >= 85 | .0 | .1 | 3.3 | 11.6 | 40.0 | 73.1 | 87.9 | 85.5 | 58.4 | 11.5 | 1.0 | .0 | 31.3 |
| >= 80 | 1.5 | 1.6 | 11.6 | 37.2 | 74.8 | 93.2 | 98.8 | 96.4 | 82.0 | 42.2 | 10.3 | 1.3 | 46.3 |
| >= 75 | 8.5 | 10.9 | 27.1 | 58.7 | 90.7 | 98.7 | 99.8 | 98.9 | 93.3 | 66.2 | 30.9 | 10.2 | 58.2 |
| >= 70 | 19.3 | 26.1 | 46.1 | 81.6 | 98.1 | 99.6 | 100.0 | 99.8 | 98.6 | 85.5 | 52.9 | 22.9 | 69.5 |
| >= 65 | 33.2 | 42.4 | 65.9 | 94.4 | 99.4 | 100.0 | 100.0 | 99.9 | 99.8 | 95.4 | 69.6 | 40.4 | 78.6 |
| >= 60 | 49.5 | 59.5 | 81.6 | 98.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 83.3 | 58.6 | 86.0 |
| >= 55 | 65.7 | 74.9 | 91.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 93.0 | 73.7 | 91.6 |
| >= 50 | 78.7 | 86.7 | 96.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.8 | 86.8 | 95.6 |
| >= 45 | 89.5 | 93.8 | 98.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.9 | 98.1 |
| >= 40 | 96.0 | 98.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 99.4 |
| >= 35 | 98.7 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.8 |
| >= 30 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 |
| >= 25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MEAN | 59.0 | 61.6 | 68.1 | 76.1 | 82.9 | 87.4 | 89.5 | 98.7 | 84.5 | 77.0 | 68.9 | 61.4 | 75.5 |
| S.D. | 10.991 | 10.337 | 9.620 | 7.332 | 5.968 | 5.333 | 4.305 | 4.578 | 5.675 | 6.951 | 8.856 | 9.959 | 13.367 |
| TOT. OBS. | 1271 | 1148 | 1271 | 1229 | 1271 | 1230 | 1301 | 1302 | 1259 | 1300 | 1260 | 1301 | 15143 |

NOTES :
* = PERCENT < .05

6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

| TEMP (DEG F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| >= 90 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0* |
| >= 85 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0* |
| >= 80 | .0 | .0 | .0 | .0 | .0 | .1 | .7 | .2 | .2 | .0 | .0 | .0 | .1 |
| >= 75 | .0 | .0 | .0 | .0 | .6 | 7.7 | 17.5 | 15.1 | 3.3 | .3 | .0 | .0 | 3.8 |
| >= 70 | .0 | .0 | .0 | .2 | 7.7 | 48.0 | 80.7 | 73.7 | 35.5 | 4.5 | .2 | .1 | 21.2 |
| >= 65 | .0 | .0 | 1.3 | 6.3 | 38.7 | 79.9 | 96.9 | 94.9 | 68.9 | 16.7 | 3.0 | .4 | 34.3 |
| >= 60 | 2.0 | 2.3 | 7.8 | 24.9 | 65.5 | 93.6 | 99.7 | 99.7 | 88.4 | 37.1 | 11.6 | 3.6 | 45.1 |
| >= 55 | 6.8 | 9.1 | 21.2 | 44.2 | 83.3 | 99.0 | 100.0 | 100.0 | 96.2 | 57.9 | 22.4 | 9.1 | 54.5 |
| >= 50 | 14.0 | 17.6 | 36.6 | 65.5 | 95.1 | 100.0 | 100.0 | 100.0 | 99.7 | 74.5 | 36.3 | 18.4 | 63.5 |
| >= 45 | 25.6 | 29.4 | 53.9 | 82.2 | 98.9 | 100.0 | 100.0 | 100.0 | 99.8 | 87.6 | 50.8 | 29.1 | 71.7 |
| >= 40 | 40.2 | 45.9 | 71.0 | 93.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 95.4 | 67.9 | 44.1 | 80.0 |
| >= 35 | 57.0 | 63.2 | 85.5 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 83.6 | 63.0 | 87.6 |
| >= 30 | 74.4 | 81.3 | 95.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 94.7 | 81.3 | 94.0 |
| >= 25 | 89.5 | 94.0 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 93.4 | 98.0 |
| >= 20 | 96.5 | 98.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 99.4 |
| >= 15 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.9 |
| >= 10 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 |
| >= 5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MEAN | 37.2 | 39.0 | 45.6 | 52.7 | 61.5 | 68.4 | 71.8 | 71.2 | 66.6 | 55.6 | 45.5 | 39.0 | 54.6 |
| S.D. | 10.530 | 10.159 | 9.676 | 8.215 | 6.541 | 4.986 | 3.300 | 3.581 | 5.631 | 8.921 | 10.487 | 10.511 | 15.021 |
| TOT. OBS. | 1271 | 1149 | 1271 | 1229 | 1271 | 1230 | 1301 | 1302 | 1259 | 1300 | 1260 | 1301 | 15143 |

NOTES :
* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32.54N LONG. : 80.02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

| TEMP (DEG F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| >= 90 | .0 | .0 | .0 | .0 | .0 | .1 | 1.0 | .2 | .0 | .0 | .0 | .0 | .1 |
| >= 85 | .0 | .0 | .0 | .0 | .7 | 7.8 | 12.8 | 9.8 | 1.4 | .0 | .0 | .0 | 2.7 |
| >= 80 | .0 | .0 | .0 | .3 | 8.2 | 38.6 | 67.1 | 60.7 | 24.1 | 1.9 | .0 | .0 | 17.0 |
| >= 75 | .0 | .0 | 1.4 | 6.8 | 37.6 | 79.9 | 96.7 | 93.7 | 65.6 | 11.8 | 1.2 | .1 | 33.3 |
| >= 70 | .9 | 1.1 | 8.7 | 28.5 | 72.0 | 96.7 | 99.9 | 99.2 | 87.4 | 37.4 | 9.1 | 1.5 | 45.6 |
| >= 65 | 6.1 | 7.6 | 22.7 | 52.6 | 90.6 | 99.4 | 100.0 | 99.8 | 96.8 | 63.1 | 24.4 | 8.9 | 56.4 |
| >= 60 | 15.2 | 20.6 | 41.1 | 75.7 | 98.7 | 100.0 | 100.0 | 100.0 | 99.9 | 92.4 | 43.4 | 18.6 | 66.6 |
| >= 55 | 28.6 | 35.5 | 60.0 | 91.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 93.8 | 62.2 | 33.1 | 75.6 |
| >= 50 | 44.6 | 62.2 | 78.4 | 98.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 79.1 | 51.0 | 83.8 |
| >= 45 | 62.2 | 72.8 | 92.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 92.3 | 71.6 | 91.0 |
| >= 40 | 80.3 | 86.9 | 97.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 88.5 | 96.0 |
| >= 35 | 92.4 | 96.2 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.1 | 98.7 |
| >= 30 | 98.0 | 99.1 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 99.7 |
| >= 25 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.9 |
| >= 20 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 |
| >= 15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MEAN | 48.3 | 50.6 | 57.1 | 64.7 | 72.4 | 78.1 | 80.9 | 80.2 | 75.8 | 66.6 | 57.4 | 50.4 | 65.3 |
| S.D. | 9.963 | 9.442 | 8.920 | 7.036 | 5.521 | 4.565 | 3.332 | 3.582 | 5.066 | 7.170 | 8.903 | 9.421 | 13.795 |
| TOT. OBS. | 1271 | 1148 | 1271 | 1229 | 1271 | 1230 | 1301 | 1302 | 1259 | 1300 | 1260 | 1301 | 15143 |

NOTES :
* = PERCENT < .05

8 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 F

| | NONE | TRACE | .01 | <=.05 | <=.10 | <=.25 | <=.50 | <=1.0 | <=2.5 | <=5.0 | <=10.0 | <=20.0 | >20.0 | >=0.1 | PERCENT OF DAYS WITH AMOUNTS | TOTAL NO. OF OBS | TOTAL PRECIPITATION (INCHES) | | |
|-----|------|-------|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|---------------------------------------|---------------------------|---------------------------------|-------|-------|
| | | | | | | | | | | | | | | | | | MEAN | HI | LOW |
| JAN | 56.4 | 12.3 | 2.7 | 6.4 | 4.1 | 6.7 | 4.8 | 4.6 | 2.0 | .0 | .0 | .0 | .0 | .01 | 1271 | 1271 | .31 | 7.20 | .33 |
| FEB | 57.0 | 11.8 | 2.3 | 5.7 | 2.6 | 6.3 | 6.4 | 5.4 | 2.6 | .0 | .0 | .0 | .0 | 31.3 | 1148 | 1148 | .33 | 6.35 | .33 |
| MAR | 56.3 | 10.9 | 2.3 | 4.8 | 2.8 | 6.1 | 6.8 | 5.9 | 3.8 | .0 | .0 | .0 | .0 | 32.7 | 1271 | 1271 | .44 | 11.11 | .99 |
| APR | 65.6 | 10.8 | 1.8 | 4.2 | 2.4 | 4.9 | 4.6 | 3.7 | 1.8 | .2 | .0 | .0 | .0 | 23.6 | 1229 | 1229 | .26 | 9.50 | .01 |
| MAY | 57.5 | 12.7 | 2.0 | 4.6 | 2.9 | 5.3 | 5.2 | 5.4 | 4.1 | .1 | .1 | .0 | .0 | 29.7 | 1271 | 1271 | .43 | 9.28 | .70 |
| JUN | 49.6 | 14.0 | 1.8 | 6.2 | 4.1 | 5.9 | 6.7 | 5.7 | 5.0 | .9 | .2 | .0 | .0 | 36.4 | 1230 | 1230 | .61 | 27.24 | .96 |
| JUL | 42.7 | 13.5 | 2.6 | 5.2 | 4.1 | 8.0 | 8.1 | 8.5 | 5.9 | 1.3 | .1 | .0 | .0 | 43.9 | 1301 | 1301 | .77 | 18.46 | 1.76 |
| AUG | 44.2 | 15.4 | 2.3 | 6.1 | 4.1 | 7.4 | 6.9 | 7.7 | 4.6 | 1.4 | .0 | .0 | .0 | 40.4 | 1301 | 1301 | .65 | 16.99 | .73 |
| SEP | 53.7 | 15.1 | 1.5 | 5.4 | 2.7 | 6.7 | 4.6 | 5.5 | 3.4 | 1.2 | .2 | .0 | .0 | 31.2 | 1259 | 1259 | .52 | 17.31 | .53 |
| OCT | 67.8 | 12.0 | 1.7 | 3.5 | 2.1 | 3.8 | 3.8 | 2.2 | 2.6 | .5 | .0 | .0 | .0 | 20.2 | 1300 | 1300 | .29 | 9.12 | .18 |
| NOV | 63.3 | 13.0 | 2.2 | 4.9 | 2.8 | 4.5 | 4.9 | 2.6 | 1.3 | .2 | .1 | .0 | .0 | 23.7 | 1260 | 1260 | .24 | 7.35 | .48 |
| DEC | 59.7 | 12.5 | 2.2 | 4.2 | 3.8 | 6.3 | 4.8 | 3.7 | 2.7 | .1 | .0 | .0 | .0 | 27.7 | 1301 | 1301 | .32 | 7.09 | .66 |
| ANN | 56.1 | 12.8 | 2.1 | 5.1 | 3.2 | 6.0 | 5.6 | 5.1 | 3.3 | .5 | .1 | .0 | .0 | 31.0 | 15142 | 15142 | 5.20 | 72.99 | 30.31 |

NOTES :

.001, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
 * = PERCENT < .05
 ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

4 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW FALL

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46

| | | INCHES | | | | | | | | | | | | | PERCENT OF DAYS WITH AMOUNTS | | TOTAL NO. OF OBS | MEAN | HI | LOW | TOTAL PRECIPITATION (INCHES) |
|------|-------|--------|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|-------|------|---------------------------------------|-------|---------------------------|------|----|-----|---------------------------------|
| | | TRACE | .1-.4 | .5-1.4 | <=2.4 | <=3.4 | <=4.4 | <=6.4 | <=10.4 | <=15.4 | <=25.4 | <=50.4 | >50.4 | >=.1 | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | |
| JAN | 97.6 | 2.0 | .2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 | .1 | 1270 | .1 | 1.0 | .0 | | |
| FEB | 97.5 | 1.7 | .5 | .1 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | .3 | 1148 | .3 | 7.1 | .0 | | |
| MAR | 98.9 | .9 | .0 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .1 | 1269 | .1 | 2.0 | .0 | | |
| APR | 99.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1229 | .0 | .0 | .0 | | |
| MAY | 99.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1270 | .0 | .0 | .0 | | |
| JUN | 99.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1230 | .0 | .0 | .0 | | |
| JUL | 100.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1300 | .0 | .0 | .0 | | |
| AUG | 100.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1302 | .0 | .0 | .0 | | |
| SEP | 100.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1258 | .0 | .0 | .0 | | |
| OCT | 100.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1298 | .0 | .0 | .0 | | |
| NOV | 99.8 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1260 | .0 | .0 | .0 | | |
| DEC | 99.2 | .6 | .2 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .1 | 1301 | .1 | 3.8 | .0 | | |
| ANN | 99.4 | .5 | .1 | .0* | .0* | .0 | .0* | .0* | .0 | .0 | .0 | .0 | .0 | .1 | .5 | 15135 | .5 | 7.1 | .0 | | |

NOTES :

.001, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

10 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

NOTES :

.DOT, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OF SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

46 FT

01388C CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. :
PERIOD OF RECORD : 1945-1986

MONTH : JAN

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 1.30 | 33 | .00 | 0 | 0. | 0 |
| 2 | 1.00 | 25 | .00 | 0 | 0. | 0 |
| 3 | .87 | 22 | .00 | 0 | 0. | 0 |
| 4 | .50 | 13 | .00 | 0 | 0. | 0 |
| 5 | 1.22 | 31 | .00 | 0 | 0. | 0 |
| 6 | 1.24 | 31 | .00 | 0 | 0. | 0 |
| 7 | 1.46 | 37 | .00 | 0 | 0. | 0 |
| 8 | 1.13 | 29 | .00 | 0 | 0. | 0 |
| 9 | 1.96 | 50 | .00 | 0 | 0. | 0 |
| 10 | 1.14 | 29 | .00 | 0 | 0. | 0 |
| 11 | .85 | 22 | .00 | 0 | 0. | 0 |
| 12 | 1.84 | 47 | .00 | 0 | 0. | 0 |
| 13 | 1.92 | 49 | .00 | 0 | 0. | 0 |
| 14 | 1.42 | 36 | .00 | 0 | 0. | 0 |
| 15 | 1.40 | 36 | .00 | 0 | 0. | 0 |
| 16 | 2.26 | 57 | .00 | 0 | 0. | 0 |
| 17 | .68 | 17 | .00 | 0 | 0. | 0 |
| 18 | .96 | 24 | .00 | 0 | 0. | 0 |
| 19 | 1.90 | 48 | .00 | 0 | 0. | 0 |
| 20 | 1.22 | 31 | .00 | 0 | 0. | 0 |
| 21 | 1.47 | 37 | .00 | 0 | 0. | 0 |
| 22 | 1.33 | 34 | .00 | 0 | 0. | 0 |
| 23 | .93 | 24 | .00 | 0 | 0. | 0 |
| 24 | 2.12 | 54 | .00 | 0 | 0. | 0 |
| 25 | 1.28 | 33 | .00 | 0 | 0. | 0 |
| 26 | .98 | 25 | .00 | 0 | 0. | 0 |
| 27 | .99 | 25 | .00 | 0 | 0. | 0 |
| 28 | .64 | 16 | .00 | 0 | 0. | 0 |
| 29 | .77 | 20 | .00 | 0 | 0. | 0 |
| 30 | 1.77 | 45 | .00 | 0 | 0. | 0 |
| 31 | .83 | 21 | .00 | 0 | 0. | 0 |
| MONTH | 2.47 | 63 | .00 | 0 | 1. | 25 |

NOTES :
T = TRACE AMOUNTS (.01, OR LESS, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREM AMOUNTS

01386C CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERIOD OF RECORD : 1945-1986

MONTH : FEB

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|---------|----------|----------|------------|----------|
| | INCHES | MM DATE | INCHES | MM DATE | INCHES | MM DATE |
| 1 | .68 | 17 1976 | .00 | 0 1986 | 0. | 0 1986 |
| 2 | .90 | 23 1973 | .00 | 0 1986 | 0. | 0 1986 |
| 3 | 2.25 | 57 1952 | T | T 1971 | T | T 1961 |
| 4 | 1.63 | 41 1959 | .00 | 0 1986 | 0. | 0 1986 |
| 5 | 1.11 | 28 1960 | .00 | 0 1986 | 0. | 0 1986 |
| 6 | 1.51 | 38 1986 | .10 | 3 1979 | 0. | 0 1986 |
| 7 | 2.24 | 57 1953 | .00 | 0 1986 | 0. | 0 1986 |
| 8 | .77 | 20 1948 | T | T 1978 | 0. | 0 1986 |
| 9 | 1.69 | 43 1948 | 1.70 | 43 1973 | T | T 1978 |
| 10 | 1.60 | 41 1986 | 5.40 | 137 1973 | 3. | 76 1973 |
| 11 | 1.05 | 27 1941 | .00 | 0 1986 | 7. | 178 1973 |
| 12 | 1.29 | 33 1982 | .00 | 0 1986 | 6. | 152 1973 |
| 13 | 1.08 | 07 1959 | T | T 1967 | 4. | 102 1973 |
| 14 | 1.14 | 29 1965 | .00 | 0 1986 | T | T 1973 |
| 15 | .87 | 22 1952 | T | T 1969 | 0. | 0 1986 |
| 16 | .50 | 13 1974 | .30 | 5 1977 | 0. | 0 1936 |
| 17 | 1.79 | 45 1965 | .10 | 3 1979 | T | T 1963 |
| 18 | 2.16 | 55 1964 | 1.60 | 41 1979 | 1. | 25 1979 |
| 19 | .94 | 24 1946 | .00 | 0 1986 | 1. | 25 1979 |
| 20 | 1.17 | 30 1961 | .00 | 0 1986 | 0. | 0 1986 |
| 21 | .41 | 10 1962 | T | T 1963 | 0. | 0 1986 |
| 22 | .92 | 23 1983 | 1.30 | 33 1968 | 1. | 25 1968 |
| 23 | .94 | 24 1984 | T | T 1968 | T | T 1968 |
| 24 | 2.25 | 57 1963 | T | T 1968 | 0. | 0 1986 |
| 25 | 1.73 | 44 1957 | .00 | 0 1986 | 0. | 0 1986 |
| 26 | 1.75 | 44 1958 | T | T 1963 | 0. | 0 1986 |
| 27 | 1.48 | 38 1984 | T | T 1963 | 0. | 0 1986 |
| 28 | 2.27 | 58 1966 | T | T 1947 | 0. | 0 1986 |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| MONTH | 2.27 | 58 1966 | 5.40 | 137 1973 | 7. | 178 1973 |

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAR

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|------|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | .63 | 16 | .00 | 0 | 0 | 0 |
| 2 | 1.55 | 29 | 1.30 | 33 | T | T |
| 3 | .85 | 22 | T | 1969 | 1. | 25 |
| 4 | 2.36 | 60 | 2.00 | 51 | T | T |
| 5 | 4.48 | 114 | .00 | 0 | 0 | 0 |
| 6 | 2.96 | 75 | T | 1965 | 0. | 0 |
| 7 | 1.34 | 34 | T | 1962 | 0. | 0 |
| 8 | 1.50 | 38 | .00 | 0 | 0 | 0 |
| 9 | 1.02 | 26 | .00 | 0 | 0 | 0 |
| 10 | 1.50 | 38 | .00 | 0 | 0 | 0 |
| 11 | 1.64 | 42 | .50 | 13 | T | T |
| 12 | 1.85 | 47 | .00 | 0 | T | T |
| 13 | 1.85 | 47 | .00 | 0 | 0 | 0 |
| 14 | 1.29 | 33 | .00 | 0 | 0 | 0 |
| 15 | 1.26 | 22 | .00 | 0 | 0 | 0 |
| 16 | .89 | 23 | .00 | 0 | 0 | 0 |
| 17 | 3.16 | 80 | .00 | 0 | 0 | 0 |
| 18 | 2.45 | 62 | .00 | 0 | 0 | 0 |
| 19 | .99 | 25 | .00 | 0 | 0 | 0 |
| 20 | 1.33 | 34 | .00 | 0 | 0 | 0 |
| 21 | .77 | 20 | .00 | 0 | 0 | 0 |
| 22 | 1.09 | 28 | .00 | 0 | 0 | 0 |
| 23 | .98 | 25 | .00 | 0 | 0 | 0 |
| 24 | 1.76 | 45 | T | 1983 | 0. | 0 |
| 25 | 1.46 | 37 | .00 | 0 | 0 | 0 |
| 26 | 1.11 | 28 | T | 1971 | 0. | 0 |
| 27 | .64 | 16 | .00 | 0 | 0 | 0 |
| 28 | 1.32 | 34 | .00 | 0 | 0 | 0 |
| 29 | 1.06 | 27 | .00 | 0 | 0 | 0 |
| 30 | 2.23 | 57 | .00 | 0 | 0 | 0 |
| 31 | 1.28 | 33 | T | 1965 | 0. | 0 |
| MONTH | 4.48 | 114 | 2.00 | 51 | 1. | 25 |

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : APR

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 3.55 | 90 | .00 | 0 | 0 | 0 |
| 2 | 1.54 | 39 | .00 | 0 | 0 | 0 |
| 3 | .53 | 13 | .00 | 0 | 0 | 0 |
| 4 | .81 | 21 | .00 | 0 | 0 | 0 |
| 5 | .95 | 24 | .00 | 0 | 0 | 0 |
| 6 | 2.20 | 56 | .00 | 0 | 0 | 0 |
| 7 | .94 | 24 | .00 | 0 | 0 | 0 |
| 8 | 1.13 | 29 | T | 0 | 0 | 0 |
| 9 | .74 | 19 | .00 | 0 | 0 | 0 |
| 10 | 1.76 | 45 | .00 | 0 | 0 | 0 |
| 11 | 1.59 | 40 | .00 | 0 | 0 | 0 |
| 12 | 2.27 | 58 | .00 | 0 | 0 | 0 |
| 13 | .71 | 18 | .00 | 0 | 0 | 0 |
| 14 | 2.74 | 70 | .00 | 0 | 0 | 0 |
| 15 | 4.10 | 104 | .00 | 0 | 0 | 0 |
| 16 | 1.12 | 28 | .00 | 0 | 0 | 0 |
| 17 | .55 | 14 | .00 | 0 | 0 | 0 |
| 18 | .89 | 23 | .00 | 0 | 0 | 0 |
| 19 | .28 | 7 | .00 | 0 | 0 | 0 |
| 20 | 1.68 | 43 | .00 | 0 | 0 | 0 |
| 21 | .50 | 13 | .00 | 0 | 0 | 0 |
| 22 | 1.42 | 36 | .00 | 0 | 0 | 0 |
| 23 | 2.12 | 54 | .00 | 0 | 0 | 0 |
| 24 | .32 | 8 | .00 | 0 | 0 | 0 |
| 25 | 2.38 | 60 | .00 | 0 | 0 | 0 |
| 26 | 1.89 | 48 | .00 | 0 | 0 | 0 |
| 27 | 1.15 | 29 | .00 | 0 | 0 | 0 |
| 28 | 2.12 | 54 | T | 0 | 0 | 0 |
| 29 | .88 | 22 | .00 | 0 | 0 | 0 |
| 30 | .62 | 16 | .00 | 0 | 0 | 0 |
| 31 | | | | | | |
| MONTH | 4.10 | 104 | T | T | 0 | 0 |

NOTES :
T = TRACE AMOUNTS (<.01, OP <.5, OP < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

C13820 CHARLESTON, SC LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH : MAY

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|------|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 1.72 | 44 | .00 | 0 | 0. | 0 |
| 2 | 1.95 | 50 | .00 | 0 | 0. | 0 |
| 3 | 2.35 | 60 | .00 | 0 | 0. | 0 |
| 4 | 1.36 | 35 | T | 1948 | 0. | 0 |
| 5 | 1.06 | 27 | .00 | 0 | 0. | 0 |
| 6 | 1.30 | 33 | .00 | 0 | 0. | 0 |
| 7 | 1.06 | 27 | .00 | 0 | 0. | 0 |
| 8 | 1.05 | 27 | .00 | 0 | 0. | 0 |
| 9 | 1.17 | 30 | .00 | 0 | 0. | 0 |
| 10 | 1.45 | 37 | .00 | 0 | 0. | 0 |
| 11 | 1.93 | 49 | .00 | 0 | 0. | 0 |
| 12 | 1.98 | 50 | .00 | 0 | 0. | 0 |
| 13 | 1.75 | 44 | .00 | 0 | 0. | 0 |
| 14 | 2.45 | 62 | .00 | 0 | 0. | 0 |
| 15 | 1.44 | 37 | .00 | 0 | 0. | 0 |
| 16 | 1.27 | 32 | .00 | 0 | 0. | 0 |
| 17 | .88 | 22 | .00 | 0 | 0. | 0 |
| 18 | 1.10 | 28 | .00 | 0 | 0. | 0 |
| 19 | .65 | 17 | .00 | 0 | 0. | 0 |
| 20 | 1.16 | 29 | .00 | 0 | 0. | 0 |
| 21 | 1.28 | 33 | .00 | 0 | 0. | 0 |
| 22 | 6.23 | 158 | .00 | 0 | 0. | 0 |
| 23 | 4.86 | 123 | .00 | 0 | 0. | 0 |
| 24 | 1.78 | 45 | T | 1950 | 0. | 0 |
| 25 | 1.83 | 46 | .00 | 0 | 0. | 0 |
| 26 | 1.87 | 47 | .00 | 0 | 0. | 0 |
| 27 | 2.00 | 51 | .00 | 0 | 0. | 0 |
| 28 | 1.35 | 34 | .00 | 0 | 0. | 0 |
| 29 | 1.64 | 42 | .00 | 0 | 0. | 0 |
| 30 | 1.65 | 42 | .00 | 0 | 0. | 0 |
| 31 | 1.38 | 35 | .00 | 0 | 0. | 0 |
| MONTH | 6.23 | 158 | T | 1950 | 0. | 0 |

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : JUN

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|------|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | .65 | 17 | .00 | 0 | 0. | 0 |
| 2 | 2.37 | 60 | .00 | 0 | 0. | 0 |
| 3 | 1.70 | 43 | .00 | 0 | 0. | 0 |
| 4 | 2.95 | 75 | .00 | 0 | 0. | 0 |
| 5 | 1.20 | 30 | .00 | 0 | 0. | 0 |
| 6 | .85 | 22 | .00 | 0 | 0. | 0 |
| 7 | 2.67 | 68 | .00 | 0 | 0. | 0 |
| 8 | 4.61 | 117 | .00 | 0 | 0. | 0 |
| 9 | 2.03 | 52 | T | 1952 | 0. | 0 |
| 10 | 2.09 | 53 | .00 | 0 | 0. | 0 |
| 11 | 9.40 | 239 | .00 | 0 | 0. | 0 |
| 12 | 1.69 | 43 | .00 | 0 | 0. | 0 |
| 13 | 2.26 | 57 | .00 | 0 | 0. | 0 |
| 14 | 1.26 | 32 | .00 | 0 | 0. | 0 |
| 15 | 2.15 | 55 | .00 | 0 | 0. | 0 |
| 16 | 2.57 | 65 | .00 | 0 | 0. | 0 |
| 17 | 3.64 | 92 | .00 | 0 | 0. | 0 |
| 18 | 3.68 | 93 | .00 | 0 | 0. | 0 |
| 19 | 4.97 | 126 | .00 | 0 | 0. | 0 |
| 20 | 4.20 | 107 | .00 | 0 | 0. | 0 |
| 21 | 1.93 | 49 | .00 | 0 | 0. | 0 |
| 22 | 1.78 | 45 | .00 | 0 | 0. | 0 |
| 23 | 5.20 | 132 | T | 1954 | 0. | 0 |
| 24 | .96 | 24 | .00 | 0 | 0. | 0 |
| 25 | 2.60 | 66 | .00 | 0 | 0. | 0 |
| 26 | 2.33 | 59 | .00 | 0 | 0. | 0 |
| 27 | 3.48 | 88 | .00 | 0 | 0. | 0 |
| 28 | 2.81 | 71 | .00 | 0 | 0. | 0 |
| 29 | 1.30 | 33 | .00 | 0 | 0. | 0 |
| 30 | 1.39 | 35 | .00 | 0 | 0. | 0 |
| 31 | | | | | | |
| MONTH | 9.40 | 239 | T | 1954 | C. | 0 |

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUL

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 2.66 | 68 | .70 | 0 | 0. | 0 |
| 2 | 4.58 | 116 | .00 | 0 | 0. | 0 |
| 3 | 5.39 | 137 | .00 | 0 | 0. | 0 |
| 4 | 3.26 | 83 | .00 | 0 | 0. | 0 |
| 5 | 1.60 | 41 | .00 | 0 | 0. | 0 |
| 6 | 2.60 | 66 | .00 | 0 | 0. | 0 |
| 7 | 1.90 | 48 | .00 | 0 | 0. | 0 |
| 8 | 2.84 | 72 | .00 | 0 | 0. | 0 |
| 9 | 2.36 | 60 | .00 | 0 | 0. | 0 |
| 10 | 3.45 | 88 | .00 | 0 | 0. | 0 |
| 11 | 2.07 | 53 | .00 | 0 | 0. | 0 |
| 12 | 2.92 | 74 | .00 | 0 | 0. | 0 |
| 13 | 2.37 | 60 | .00 | 0 | 0. | 0 |
| 14 | 1.30 | 33 | .00 | 0 | 0. | 0 |
| 15 | 1.45 | 37 | .00 | 0 | 0. | 0 |
| 16 | 3.00 | 76 | .00 | 0 | 0. | 0 |
| 17 | 4.93 | 125 | .00 | 0 | 0. | 0 |
| 18 | 2.52 | 64 | .00 | 0 | 0. | 0 |
| 19 | 3.62 | 92 | .00 | 0 | 0. | 0 |
| 20 | 1.55 | 39 | .00 | 0 | 0. | 0 |
| 21 | 2.07 | 53 | .00 | 0 | 0. | 0 |
| 22 | 1.90 | 48 | .00 | 0 | 0. | 0 |
| 23 | 1.33 | 34 | .00 | 0 | 0. | 0 |
| 24 | 4.20 | 107 | .00 | 0 | 0. | 0 |
| 25 | 4.57 | 116 | .00 | 0 | 0. | 0 |
| 26 | 2.40 | 61 | .00 | 0 | 0. | 0 |
| 27 | 2.17 | 55 | .00 | 0 | 0. | 0 |
| 28 | 1.96 | 50 | .00 | 0 | 0. | 0 |
| 29 | 4.51 | 115 | .00 | 0 | 0. | 0 |
| 30 | 1.35 | 34 | .00 | 0 | 0. | 0 |
| 31 | 3.23 | 82 | .00 | 0 | 0. | 0 |
| MONTH | 5.39 | 137 | .00 | 0 | 0. | 0 |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : AUG

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 1.43 | 36 | 0.00 | 0 | 0. | 0 |
| 2 | 2.27 | 58 | 0.00 | 0 | 0. | 0 |
| 3 | 4.60 | 117 | 0.00 | 0 | 0. | 0 |
| 4 | 2.44 | 62 | 0.00 | 0 | 0. | 0 |
| 5 | 1.28 | 33 | 0.00 | 0 | 0. | 0 |
| 6 | 2.75 | 70 | 0.00 | 0 | 0. | 0 |
| 7 | 2.53 | 64 | 0.00 | 0 | 0. | 0 |
| 8 | 1.91 | 49 | 0.00 | 0 | 0. | 0 |
| 9 | 1.02 | 26 | 0.00 | 0 | 0. | 0 |
| 10 | 2.10 | 53 | 0.00 | 0 | 0. | 0 |
| 11 | 2.35 | 60 | 0.00 | 0 | 0. | 0 |
| 12 | 1.38 | 35 | 0.00 | 0 | 0. | 0 |
| 13 | 2.14 | 54 | 0.00 | 0 | 0. | 0 |
| 14 | 3.82 | 97 | 0.00 | 0 | 0. | 0 |
| 15 | 3.41 | 87 | 0.00 | 0 | 0. | 0 |
| 16 | 4.69 | 119 | 0.00 | 0 | 0. | 0 |
| 17 | 3.30 | 84 | 0.00 | 0 | 0. | 0 |
| 18 | 1.01 | 26 | 0.00 | 0 | 0. | 0 |
| 19 | 3.94 | 100 | 0.00 | 0 | 0. | 0 |
| 20 | 2.55 | 65 | 0.00 | 0 | 0. | 0 |
| 21 | 2.05 | 52 | 0.00 | 0 | 0. | 0 |
| 22 | 1.55 | 39 | 0.00 | 0 | 0. | 0 |
| 23 | 1.54 | 39 | 0.00 | 0 | 0. | 0 |
| 24 | 1.39 | 35 | 0.00 | 0 | 0. | 0 |
| 25 | 3.00 | 76 | 0.00 | 0 | 0. | 0 |
| 26 | 3.26 | 83 | 0.00 | 0 | 0. | 0 |
| 27 | 2.10 | 53 | 0.00 | 0 | 0. | 0 |
| 28 | 3.33 | 85 | 0.00 | 0 | 0. | 0 |
| 29 | 3.25 | 83 | 0.00 | 0 | 0. | 0 |
| 30 | 3.75 | 95 | 0.00 | 0 | 0. | 0 |
| 31 | 1.46 | 37 | 0.00 | 0 | 0. | 0 |
| MONTH | 4.69 | 119 | 0.00 | 0 | 0. | 0 |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : SEP

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 2.76 | 70 | .00 | 0 | 0. | 0 |
| 2 | 1.68 | 43 | .00 | 0 | 0. | 0 |
| 3 | 1.42 | 36 | .00 | 0 | 0. | 0 |
| 4 | 6.06 | 154 | .00 | 0 | 0. | 0 |
| 5 | 2.66 | 68 | .00 | 0 | 0. | 0 |
| 6 | 1.72 | 44 | .00 | 0 | 0. | 0 |
| 7 | 3.79 | 96 | .00 | 0 | 0. | 0 |
| 8 | 1.22 | 31 | .00 | 0 | 0. | 0 |
| 9 | 3.45 | 88 | .00 | 0 | 0. | 0 |
| 10 | 1.32 | 34 | .00 | 0 | 0. | 0 |
| 11 | 2.98 | 76 | .00 | 0 | 0. | 0 |
| 12 | 1.89 | 48 | .00 | 0 | 0. | 0 |
| 13 | 1.60 | 41 | .00 | 0 | 0. | 0 |
| 14 | 4.35 | 110 | .00 | 0 | 0. | 0 |
| 15 | 2.14 | 54 | .00 | 0 | 0. | 0 |
| 16 | 3.60 | 91 | .00 | 0 | 0. | 0 |
| 17 | 6.19 | 157 | .00 | 0 | 0. | 0 |
| 18 | 1.14 | 29 | .00 | 0 | 0. | 0 |
| 19 | 1.34 | 34 | .00 | 0 | 0. | 0 |
| 20 | 5.18 | 132 | .00 | 0 | 0. | 0 |
| 21 | .64 | 16 | .00 | 0 | 0. | 0 |
| 22 | 3.52 | 89 | .00 | 0 | 0. | 0 |
| 23 | 2.28 | 58 | .00 | 0 | 0. | 0 |
| 24 | 3.12 | 79 | .00 | 0 | 0. | 0 |
| 25 | 3.86 | 98 | .00 | 0 | 0. | 0 |
| 26 | 2.61 | 66 | .00 | 0 | 0. | 0 |
| 27 | 1.90 | 48 | .00 | 0 | 0. | 0 |
| 28 | 2.08 | 53 | .00 | 0 | 0. | 0 |
| 29 | 3.82 | 97 | .00 | 0 | 0. | 0 |
| 30 | .96 | 24 | .00 | 0 | 0. | 0 |
| 31 | | | .00 | 0 | 0. | 0 |
| MONTH | 6.19 | 157 | .00 | 0 | 0. | 0 |

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : OCT

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|----|----------|----|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 1.64 | 42 | .70 | 0 | 0. | 0 |
| 2 | 1.79 | 45 | .00 | 0 | 0. | 0 |
| 3 | 1.55 | 39 | .00 | 0 | 0. | 0 |
| 4 | 1.47 | 37 | .00 | 0 | 0. | 0 |
| 5 | 1.79 | 45 | .00 | 0 | 0. | 0 |
| 6 | 1.07 | 27 | .00 | 0 | 0. | 0 |
| 7 | 1.38 | 35 | .00 | 0 | 0. | 0 |
| 8 | 2.70 | 69 | .00 | 0 | 0. | 0 |
| 9 | 3.37 | 86 | .00 | 0 | 0. | 0 |
| 10 | .49 | 12 | .00 | 0 | 0. | 0 |
| 11 | .76 | 19 | .00 | 0 | 0. | 0 |
| 12 | 2.10 | 53 | .00 | 0 | 0. | 0 |
| 13 | .08 | 2 | .00 | 0 | 0. | 0 |
| 14 | 1.22 | 31 | .00 | 0 | 0. | 0 |
| 15 | 3.89 | 99 | .00 | 0 | 0. | 0 |
| 16 | 1.55 | 39 | .00 | 0 | 0. | 0 |
| 17 | 2.01 | 51 | .00 | 0 | 0. | 0 |
| 18 | 3.50 | 89 | .00 | 0 | 0. | 0 |
| 19 | 1.87 | 47 | .00 | 0 | 0. | 0 |
| 20 | 2.75 | 70 | .00 | 0 | 0. | 0 |
| 21 | 2.05 | 52 | .00 | 0 | 0. | 0 |
| 22 | .80 | 20 | .00 | 0 | 0. | 0 |
| 23 | 1.96 | 50 | .00 | 0 | 0. | 0 |
| 24 | 1.34 | 34 | .00 | 0 | 0. | 0 |
| 25 | 1.84 | 47 | .00 | 0 | 0. | 0 |
| 26 | .77 | 20 | .00 | 0 | 0. | 0 |
| 27 | .35 | 10 | .00 | 0 | 0. | 0 |
| 28 | .79 | 20 | .00 | 0 | 0. | 0 |
| 29 | 2.60 | 66 | .00 | 0 | 0. | 0 |
| 30 | .96 | 24 | .00 | 0 | 0. | 0 |
| 31 | .90 | 23 | .00 | 0 | 0. | 0 |
| MONTH | 3.89 | 99 | .70 | 0 | 0. | 0 |

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : NOV

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|-----|----------|------|------------|----|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 5.24 | 133 | .00 | 0 | 0. | 0 |
| 2 | 2.12 | 54 | .00 | 0 | 0. | 0 |
| 3 | .47 | 12 | .00 | 0 | 0. | 0 |
| 4 | .61 | 15 | .00 | 0 | 0. | 0 |
| 5 | 2.33 | 59 | .00 | 0 | 0. | 0 |
| 6 | .81 | 21 | .00 | 0 | 0. | 0 |
| 7 | 1.03 | 26 | .00 | 0 | 0. | 0 |
| 8 | .58 | 15 | .00 | 0 | 0. | 0 |
| 9 | .83 | 21 | .00 | 0 | 0. | 0 |
| 10 | .85 | 22 | .00 | 0 | 0. | 0 |
| 11 | 1.53 | 39 | .00 | 0 | 0. | 0 |
| 12 | .14 | 4 | .00 | 0 | 0. | 0 |
| 13 | .46 | 12 | .00 | 0 | 0. | 0 |
| 14 | .57 | 14 | .00 | 0 | 0. | 0 |
| 15 | .72 | 18 | .00 | 0 | 0. | 0 |
| 16 | .90 | 23 | .00 | 0 | 0. | 0 |
| 17 | .56 | 14 | .00 | 0 | 0. | 0 |
| 18 | 2.14 | 54 | .00 | 0 | 0. | 0 |
| 19 | .53 | 13 | .00 | 0 | 0. | 0 |
| 20 | 2.56 | 65 | .00 | 0 | 0. | 0 |
| 21 | .42 | 11 | .00 | 0 | 0. | 0 |
| 22 | 3.15 | 80 | .00 | 0 | 0. | 0 |
| 23 | .70 | 18 | .00 | 0 | 0. | 0 |
| 24 | .83 | 21 | .00 | 0 | 0. | 0 |
| 25 | 1.87 | 47 | T | 1950 | 0. | 0 |
| 26 | 1.20 | 30 | .00 | 0 | 0. | 0 |
| 27 | 1.46 | 37 | .00 | 0 | 0. | 0 |
| 28 | 1.55 | 39 | .00 | 0 | 0. | 0 |
| 29 | 3.15 | 80 | T | 1949 | 0. | 0 |
| 30 | 1.59 | 40 | .00 | 0 | 0. | 0 |
| 31 | | | | | | |
| MONTH | 5.24 | 133 | T | 1950 | 0. | 0 |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

01386C CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : DEC

| DAY | PRECIPITATION | | SNOWFALL | | SNOW DEPTH | |
|-------|---------------|----|----------|----|------------|------|
| | INCHES | MM | INCHES | MM | INCHES | MM |
| 1 | 1.02 | 26 | .00 | 0 | 0. | 0 |
| 2 | .70 | 18 | .00 | 0 | 0. | 0 |
| 3 | 1.77 | 45 | .00 | 0 | 0. | 0 |
| 4 | 2.21 | 56 | .00 | 0 | 0. | 0 |
| 5 | 1.10 | 28 | .00 | 0 | 0. | 0 |
| 6 | 1.86 | 47 | .00 | 0 | 0. | 0 |
| 7 | 1.14 | 29 | .00 | 0 | 0. | 0 |
| 8 | 1.68 | 43 | .00 | 0 | 0. | 0 |
| 9 | .64 | 16 | .00 | 0 | 0. | 0 |
| 10 | 1.44 | 37 | .00 | 0 | 0. | 0 |
| 11 | .95 | 24 | .00 | 0 | 0. | 0 |
| 12 | 1.84 | 47 | .10 | 3 | T | 1958 |
| 13 | 2.13 | 54 | .00 | 0 | T | 1958 |
| 14 | 1.79 | 45 | .00 | 0 | 0. | 0 |
| 15 | 1.50 | 38 | .00 | 0 | 0. | 0 |
| 16 | 1.33 | 34 | .00 | 0 | 0. | 0 |
| 17 | .66 | 17 | .00 | 0 | 0. | 0 |
| 18 | .95 | 24 | .00 | 0 | 0. | 0 |
| 19 | .75 | 19 | .00 | 0 | 0. | 0 |
| 20 | 1.16 | 29 | .00 | 0 | 0. | 0 |
| 21 | 2.09 | 53 | .00 | 0 | 0. | 0 |
| 22 | .15 | 4 | .00 | 0 | 0. | 0 |
| 23 | .75 | 19 | .00 | 0 | 0. | 0 |
| 24 | 3.40 | 86 | .00 | 0 | 0. | 0 |
| 25 | 1.83 | 46 | .00 | 0 | 0. | 0 |
| 26 | .73 | 19 | .00 | 0 | 0. | 0 |
| 27 | .36 | 9 | .10 | 3 | 0. | 0 |
| 28 | 2.19 | 56 | 3.70 | 94 | 4. | 102 |
| 29 | 1.15 | 29 | .00 | 0 | 0. | 0 |
| 30 | 1.34 | 34 | .00 | 0 | 0. | 0 |
| 31 | 1.89 | 48 | .00 | 0 | 0. | 0 |
| MONTH | 3.40 | 86 | 3.70 | 94 | 4. | 102 |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)
(FROM DAILY OBS)013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | T | T | MISS | T | MISS |
| 1946 | 2.26 | .94 | 1.32 | .64 | 2.35 | 3.64 | 1.70 | 1.24 | .62 | 2.70 | 2.12 | .34 | 3.64 |
| 1947 | .32 | .22 | 1.59 | 1.54 | 1.06 | 2.81 | FART | .74 | 3.12 | PART | 1.53 | 2.09 | PART |
| 1948 | .79 | 1.69 | 1.29 | 3.55 | 1.65 | .39 | 2.66 | 2.27 | 2.76 | 1.47 | 1.00 | .95 | 3.55 |
| 1949 | .27 | .96 | .88 | PART | .69 | 1.13 | 3.23 | 3.33 | 3.79 | .67 | 1.21 | .70 | PART |
| 1950 | .45 | .13 | 1.17 | 1.15 | 1.02 | .77 | 2.84 | 2.35 | 2.61 | 1.20 | .46 | 1.15 | 2.84 |
| 1951 | .27 | .51 | 1.06 | .94 | .38 | 2.01 | 1.35 | .95 | 1.30 | .80 | 1.24 | .56 | 2.01 |
| 1952 | .64 | 2.25 | 1.25 | .69 | 1.93 | 1.31 | 2.07 | 1.37 | 3.52 | .83 | .77 | .58 | 3.52 |
| 1953 | .92 | 2.24 | 1.64 | .29 | 1.16 | 1.29 | 1.25 | 1.96 | 2.61 | .42 | .83 | 2.21 | 2.61 |
| 1954 | .33 | .16 | .64 | .80 | 1.75 | .84 | 2.45 | 1.30 | .80 | 3.89 | .44 | 2.13 | 3.89 |
| 1955 | .93 | 1.12 | .99 | 1.59 | 1.27 | 1.82 | 1.39 | .37 | PART | .47 | .85 | .26 | PART |
| 1956 | .56 | .59 | .40 | 1.38 | 1.72 | 2.60 | 2.25 | 2.05 | 3.86 | 1.50 | .39 | .40 | 3.86 |
| 1957 | .35 | 1.73 | 1.65 | .72 | 2.21 | 2.03 | 2.05 | 3.31 | 2.08 | 1.35 | 1.40 | 1.68 | 3.31 |
| 1958 | 2.12 | 1.75 | 2.23 | 4.10 | 1.40 | 4.20 | 1.17 | PART | 3.60 | 1.12 | .19 | PART | MISS |
| 1959 | .95 | 1.63 | 4.48 | .88 | .99 | .86 | 2.92 | 1.73 | 3.62 | 2.60 | .83 | .97 | 4.48 |
| 1960 | 1.77 | 1.11 | .55 | .63 | 1.42 | 2.37 | 4.51 | .95 | 2.98 | .45 | .64 | .72 | 4.51 |
| 1961 | .67 | 1.17 | 2.45 | 2.27 | 1.83 | 3.48 | 1.20 | .23 | 1.46 | .91 | .70 | .54 | 3.48 |
| 1962 | 1.05 | .58 | 1.55 | .72 | .72 | 2.95 | 2.76 | 4.60 | 1.23 | 1.37 | .51 | .70 | 4.60 |
| 1963 | 1.22 | 2.25 | .24 | 2.20 | .54 | 5.20 | 2.36 | 2.00 | .90 | 1.84 | 2.33 | 1.38 | 5.20 |
| 1964 | 1.96 | 2.16 | 1.34 | .97 | 1.95 | 2.33 | 4.93 | 3.25 | 1.89 | 1.79 | .23 | 1.94 | 4.93 |
| 1965 | .77 | 1.79 | 1.35 | 1.89 | .47 | 2.46 | 3.00 | 1.75 | 1.37 | 3.50 | .46 | .75 | 3.50 |
| 1966 | 1.40 | 2.27 | 1.50 | 1.68 | 2.22 | 2.28 | 4.58 | 1.25 | 1.34 | 1.64 | .32 | 1.12 | 4.58 |
| 1967 | 1.30 | .87 | 1.50 | .40 | 6.23 | 1.81 | 2.52 | 1.10 | .47 | .27 | .50 | 1.76 | 6.23 |
| 1968 | .90 | .41 | .99 | .85 | 1.10 | 2.67 | 1.73 | 1.43 | .67 | 1.87 | 1.49 | 1.77 | 2.67 |
| 1969 | .69 | .65 | 1.92 | 1.12 | .65 | 2.26 | 2.07 | 2.67 | 2.14 | .54 | 5.24 | 1.44 | 5.24 |
| 1970 | 1.24 | .71 | 1.40 | .58 | 1.83 | .40 | 1.55 | 3.50 | .71 | 2.75 | .56 | 1.33 | 3.00 |
| 1971 | 1.22 | 1.20 | .69 | 1.95 | 1.44 | 1.05 | 1.65 | 3.41 | .18 | 3.77 | .83 | 1.40 | 3.41 |
| 1972 | 1.42 | 1.90 | .89 | .01 | 1.20 | 2.29 | .66 | .66 | 1.28 | .10 | 3.15 | 1.86 | 3.15 |
| 1973 | 1.06 | 1.52 | 1.25 | 1.00 | .58 | 9.40 | 2.47 | 2.75 | 3.45 | .48 | .42 | 1.16 | 9.40 |
| 1974 | .77 | .76 | .90 | .41 | 1.98 | 2.07 | 1.13 | 4.69 | 2.24 | .25 | 2.14 | 1.50 | 4.69 |
| 1975 | 1.13 | .65 | 1.76 | 2.74 | 1.22 | 1.65 | 1.65 | 2.53 | 1.14 | 1.77 | 1.03 | .66 | 2.74 |
| 1976 | .38 | .68 | .71 | .52 | 4.86 | 1.50 | 2.60 | 1.18 | 4.35 | 2.01 | 1.55 | 1.14 | 4.86 |
| 1977 | .87 | .70 | 2.36 | .30 | 2.00 | .70 | 1.57 | 1.30 | .73 | 2.10 | .85 | 1.79 | 2.36 |
| 1978 | 1.90 | .63 | 1.11 | .56 | 1.05 | .86 | 2.07 | .75 | 1.19 | .18 | 1.59 | 3.40 | 3.40 |
| 1979 | 1.00 | .72 | .98 | 2.27 | 2.45 | .91 | 3.62 | .50 | 6.06 | 1.47 | 1.26 | 1.55 | 6.06 |
| 1980 | .98 | .68 | 1.85 | 2.00 | 1.95 | .95 | 4.57 | .60 | .63 | .50 | .63 | .42 | 4.57 |
| 1981 | .53 | 1.05 | .94 | 1.18 | 1.40 | 1.81 | 5.35 | 3.94 | .70 | .77 | .40 | 1.89 | 5.39 |
| 1982 | .51 | 1.29 | .41 | 2.38 | 1.20 | 3.68 | 1.60 | 1.60 | 1.34 | 1.34 | .35 | 1.47 | 3.68 |
| 1983 | 2.47 | 1.16 | 3.16 | 2.12 | .23 | 1.39 | 3.26 | 1.38 | .98 | 1.06 | .59 | .99 | 3.26 |
| 1984 | 1.09 | 1.48 | 1.46 | 1.76 | 1.35 | 1.30 | 1.07 | .98 | 1.22 | .80 | .61 | .34 | 1.76 |
| 1985 | .65 | .80 | .54 | .62 | .63 | 2.57 | 4.20 | 3.75 | 1.03 | 1.55 | 3.15 | .30 | 4.20 |
| 1986 | .83 | 1.60 | 1.29 | .60 | .76 | .90 | 1.73 | 3.82 | 2.30 | 1.10 | 2.56 | 1.54 | 3.82 |

MEAN

1.00 1.14 1.36 1.30 1.54 2.12 2.47 1.99 1.92 1.36 1.15 1.20 4.01

S.D.

.556 .617 .777 .906 1.094 1.582 1.190 1.186 1.341 .957 1.002 .700 1.394

TOT OBS

41 41 41 40 41 41 40 40 41 41 41 41 37

NOTE :

T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

PRECIPITATION (INCHES)
(FROM DAILY OBS)G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL PRECIP # DAYS |
|------|-----|-----|-----|-----------|-----|-----|------------|-----|------------|------------|-----|------------|----------------------------|
| 1947 | | | | | | | 1.06 30 | | | 1.23 29 | | | |
| 1949 | | | | .80 29 | | | | | | | | | PRECIP # DAYS |
| 1955 | | | | | | | | | 1.00 29 | | | | PRECIP # DAYS |
| 1958 | | | | | | | 3.26 30 | | | | | 2.19 30 | PRECIP # DAYS |

SNOWFALL (INCHES)
(FROM DAILY OBS)Q13860 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1947 | .0 | T | .0 | .0 | .0 | .0 | PART | .0 | .0 | PART | .0 | .0 | PART |
| 1948 | T | .0 | .0 | T | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1949 | .0 | .0 | .0 | PART | .0 | .0 | .0 | .0 | .0 | .0 | T | .0 | PART |
| 1950 | .0 | .0 | T | .0 | T | .0 | .0 | .0 | .0 | .0 | T | .0 | T |
| 1951 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1952 | .0 | T | .0 | .0 | .0 | T | .0 | .0 | .0 | .0 | .0 | T | T |
| 1953 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T | T |
| 1954 | .0 | T | .0 | .0 | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1955 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | PART | .0 | .0 | T | PART |
| 1956 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1957 | PART | T | .0 | .0 | .0 | .0 | PART | .0 | .0 | .0 | .0 | .0 | PART |
| 1959 | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | MISS |
| 1959 | .0 | .0 | T | .0 | PART | .0 | .0 | .0 | .0 | .0 | .0 | .0 | PART |
| 1960 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1961 | T | .0 | PART | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1962 | T | .0 | PART | .0 | .0 | .0 | .0 | .0 | .0 | PART | .0 | .0 | PART |
| 1963 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1964 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1965 | T | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1966 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1967 | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1968 | .0 | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 1969 | .0 | T | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T | 1.3 |
| 1970 | T | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 |
| 1971 | T | T | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1972 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1973 | T | 5.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T | 5.4 |
| 1974 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1975 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1976 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 |
| 1977 | .6 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 |
| 1978 | T | .4 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 |
| 1979 | .0 | 1.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 |
| 1980 | .0 | T | 1.3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.7 |
| 1981 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1982 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1983 | .0 | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1984 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1985 | T | .0 | .0 | T | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | T |
| 1986 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 |

MEAN .1 .3 .41 .0 .0 .0 .0 .0 .0 .0 .0 .1 .7
 S.D. .211 .973 .421 .000 .000 .000 .000 .000 .000 .000 .000 .644 1.286
 TOT OBS 33 34 32 33 34 32 33 34 33 32 33 33 26

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

SECRET - 1

SNOWFALL (INCHES)
(FROM DAILY OBS.)

U1369 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

PS - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS.)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W
ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1958 | PART | T | O. | O. | O. | PART | O. | O. | O. | O. | O. | PART | MISS |
| 1959 | O. | O. | T | O. | PART | O. | O. | O. | O. | O. | O. | O. | PART |
| 1960 | O. | O. | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1961 | T | O. | PART | O. | O. | O. | O. | O. | O. | PART | O. | O. | PART |
| 1962 | T | O. | PART | O. | O. | O. | O. | O. | O. | O. | O. | O. | PART |
| 1963 | O. | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1964 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1965 | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1966 | 1. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | 1. |
| 1967 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1968 | T | 1. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | 1. |
| 1969 | O. | O. | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1970 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1971 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1972 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1973 | T | 7. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | 7. |
| 1974 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1975 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1976 | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1977 | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1978 | O. | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |
| 1979 | O. | 1. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | 1. |
| 1980 | O. | O. | 1. | O. | O. | O. | O. | O. | O. | O. | O. | O. | 4. |
| 1981 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1982 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1983 | T | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | O. | T |

| | | | | | | | | | | | | | |
|---------|------|-------|------|------|------|------|------|------|------|------|------|-------|-------|
| MEAN | .1 | .5 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | 1.1 |
| S.D. | .250 | 1.700 | .258 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | 2.100 |
| TOT OBS | 16 | 17 | 15 | 17 | 16 | 16 | 17 | 17 | 17 | 16 | 17 | 16 | 13 |

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OF 1.0 INCHES)

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1952 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1953 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1954 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1955 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1956 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1957 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1958 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1959 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS |
| 1960 | S 31 | W 43 | PART | PART | NE 37 | SW 30 | PART | SW 32 | SE 62 | PART | W 30 | W 33 | PART |
| 1961 | PART | S 44 | SE 42 | S 44 | N 30 | S 40 | W 37 | SW 31 | NW 35 | W 41 | W 32 | PART | MISS |
| 1962 | S 44 | N 31 | PART | PART | NW 45 | SW 32 | NE 30 | N 44 | W 40 | N 31 | SW 48 | W 42 | MISS |
| 1963 | W 36 | SW 52 | S 39 | W 31 | SW 30 | W 36 | PART | PART | S 34 | N 35 | PART | W 35 | PART |
| 1964 | W 47 | W 41 | NW 41 | N 36 | N 38 | N 34 | SW 40 | SE 36 | SE 40 | N 34 | NW 42 | NW 38 | W 47 |
| 1965 | SW 35 | S 47 | NW 37 | S 35 | NW 29 | SW 45 | N 42 | SE 32 | SW 25 | SW 35 | W 31 | N 31 | S 47 |
| 1966 | NW 41 | NW 51 | W 36 | PART | S 40 | S 40 | NW 34 | S 27 | SW 34 | SW 33 | W 40 | S 36 | PART |
| 1967 | SW 35 | W 37 | N 44 | W 34 | N 52 | E 27 | E 46 | S 33 | SW 27 | W 47 | SW 37 | S 41 | N 52 |
| 1968 | N 26 | NW 30 | S 36 | SW 33 | E 26 | NW 56 | N 47 | N 50 | NW 29 | SW 29 | NE 31 | S 47 | N 60 |
| 1969 | W 40 | W 37 | W 42 | S 29 | S 28 | W 38 | NE 37 | N 25 | SW 29 | N 24 | N 45 | S 39 | N 45 |
| 1970 | W 29 | S 35 | N 32 | S 38 | E 30 | SW 28 | SE 34 | W 27 | NW 36 | SE 32 | SW 32 | W 35 | S 38 |
| 1971 | NW 39 | W 39 | W 44 | NW 62 | S 35 | SW 31 | N 50 | W 35 | N 27 | W 31 | SW 35 | NE 36 | NW 62 |
| 1972 | S 32 | SW 49 | NW 40 | W 36 | W 35 | W 38 | W 42 | N 43 | N 30 | NE 35 | SW 37 | W 30 | SW 49 |
| 1973 | S 32 | S 33 | SW 44 | W 38 | W 51 | SE 35 | NE 26 | SE 38 | E 32 | W 32 | NW 31 | SW 36 | W 51 |
| 1974 | SW 34 | SW 41 | W 40 | S 34 | S 45 | S 41 | NE 26 | NW 31 | S 27 | N 25 | NW 34 | W 31 | S 45 |
| 1975 | SW 38 | SW 32 | SW 37 | W 38 | NW 30 | N 31 | NW 34 | SE 29 | S 32 | S 34 | NW 29 | SW 48 | SW 48 |
| 1976 | SW 29 | W 46 | W 43 | S 29 | W 35 | S 27 | W 34 | N 32 | E 27 | S 38 | W 29 | NW 36 | W 46 |
| 1977 | W 38 | W 34 | W 41 | W 38 | SW 32 | PART | NW 31 | S 30 | SW 43 | W 31 | NW 28 | W 34 | PART |
| 1978 | S 58 | W 36 | S 37 | SW 35 | W 51 | S 43 | NW 51 | SE 28 | N 40 | W 24 | S 35 | N 37 | S 58 |
| 1979 | S 47 | PART | W 42 | SW 40 | W 33 | NW 28 | W 33 | N 26 | SE 49 | W 46 | SW 29 | S 35 | PART |
| 1980 | W 30 | NW 54 | NW 42 | SE 44 | PART | NE 39 | W 43 | SW 24 | E 25 | W 32 | E 28 | E 42 | PART |
| 1981 | NW 29 | S 40 | W 46 | NW 40 | NW 27 | NE 49 | NW 33 | N 40 | S 24 | W 30 | W 31 | W 28 | NE 49 |
| 1982 | S 35 | N 28 | W 24 | SW 31 | PART | MISS | PART | SW 35 | N 24 | PART | W 38 | S 35 | PART |
| 1983 | W 32 | N 39 | NE 40 | S 45 | SW 36 | S 27 | E 53 | PART | NW 28 | SW 30 | W 37 | W 40 | PART |
| 1984 | W 30 | W 38 | NW 43 | S 31 | W 43 | N 31 | NW 31 | S 24 | SW 30 | NW 26 | SW 28 | W 34 | NW 43 |
| 1985 | SW 30 | W 34 | S 31 | E 35 | NW 26 | W 36 | SE 40 | PART | SW 32 | NE 29 | SE 42 | W 29 | PART |
| 1986 | W 26 | N 26 | S 40 | NW 32 | SW 32 | NW 39 | NW 47 | N 56 | N 24 | NW 36 | N 24 | S 30 | N 56 |
| MEAN | 35.5 | 39.1 | 38.9 | 37.0 | 35.8 | 36.0 | 37.6 | 34.0 | 32.8 | 32.4 | 33.8 | 36.2 | 49.8 |
| S.D. | 7.420 | 7.496 | 7.966 | 6.972 | 7.957 | 7.317 | 7.303 | 9.023 | 8.662 | 6.028 | 5.831 | 5.104 | 6.486 |
| TOT OBS | 26 | 26 | 25 | 24 | 25 | 25 | 25 | 25 | 27 | 26 | 27 | 26 | 16 |

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL PEAK GUST # DAYS |
|------|--------------------|-----|----------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|-------------------------------|
| 1959 | ✓ | ✓ | ✓ WNW 39 20 | ✓ | ✓ | ✓ N 47 30 | ✓ | ✓ | ✓ SE 27 23 | ✓ | ✓ | ✓ | ✓ |
| 1960 | ✓ | ✓ | ✓ W 34 30 | ✓ NW 37 29 | ✓ N 31 30 | ✓ N 27 28 | ✓ | ✓ NW 45 29 | ✓ | ✓ | ✓ | ✓ SW 36 30 | ✓ PEAK GUST # DAYS |
| 1961 | ✓ W 40 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ SW 33 30 | ✓ PEAK GUST # DAYS |
| 1962 | ✓ | ✓ | ✓ SW 37 30 | ✓ N 40 27 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1963 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ NW 31 30 | ✓ S 39 29 | ✓ | ✓ | ✓ | ✓ SW 46 29 | ✓ | ✓ PEAK GUST # DAYS |
| 1966 | ✓ | ✓ | ✓ | ✓ W 38 28 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1977 | ✓ | ✓ | ✓ | ✓ | ✓ S 49 29 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1979 | ✓ S 39 27 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1980 | ✓ | ✓ | ✓ | ✓ | ✓ W 31 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1982 | ✓ | ✓ | ✓ | ✓ NE 24 25 | ✓ | ✓ E 30 24 | ✓ | ✓ | ✓ | ✓ N 33 30 | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1983 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ S 41 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |
| 1985 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ SE 38 30 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ PEAK GUST # DAYS |

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | | |
|------------------|---------|-------|------|---------------------|-------|------|---------|---------------------|------|---------|-------|--------|
| DAY | AVERAGE | | DATE | AVERAGE | | DATE | AVERAGE | | DATE | EXTREME | | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | | | |
| 1 | 50.3 | 10.1 | 60.7 | 15.9 | 80.0 | 26.7 | 1952. | 39.9 | 4.4 | 24.0 | -4.4 | 1963. |
| 2 | 48.4 | 9.1 | 59.6 | 15.3 | 79.0 | 26.1 | 1952. | 37.2 | 2.9 | 20.0 | -6.7 | 1963. |
| 3 | 49.3 | 9.6 | 60.4 | 15.8 | 80.0 | 26.7 | 1952. | 38.3 | 3.5 | 19.0 | -7.2 | 1957. |
| 4 | 49.2 | 9.5 | 60.2 | 15.7 | 77.0 | 25.0 | 1971.+ | 38.1 | 3.4 | 21.0 | -6.1 | 1963. |
| 5 | 48.0 | 8.9 | 58.1 | 14.5 | 78.0 | 25.6 | 1950. | 37.8 | 3.2 | 16.0 | -8.9 | 1981. |
| 6 | 48.9 | 9.4 | 60.3 | 15.7 | 75.0 | 25.6 | 1955. | 37.6 | 3.1 | 19.0 | -7.2 | 1981.+ |
| 7 | 49.5 | 9.7 | 61.0 | 16.1 | 77.0 | 25.0 | 1946. | 38.0 | 3.4 | 22.0 | -5.6 | 1959. |
| 8 | 46.8 | 8.1 | 57.2 | 14.0 | 77.0 | 25.0 | 1946. | 36.0 | 2.2 | 16.0 | -8.9 | 1970. |
| 9 | 47.9 | 8.8 | 59.2 | 15.1 | 76.0 | 24.4 | 1974.+ | 36.5 | 2.5 | 11.0 | -11.7 | 1970. |
| 10 | 47.0 | 8.3 | 57.7 | 14.3 | 79.0 | 26.1 | 1957.+ | 36.3 | 2.4 | 12.0 | -11.1 | 1970. |
| 11 | 46.1 | 7.8 | 56.6 | 13.6 | 82.0 | 27.8 | 1949. | 35.7 | 2.0 | 10.0 | -12.2 | 1982. |
| 12 | 46.0 | 7.8 | 56.1 | 13.4 | 78.0 | 25.6 | 1949. | 35.8 | 2.1 | 15.0 | -9.4 | 1981. |
| 13 | 46.4 | 9.0 | 57.2 | 14.0 | 75.0 | 25.6 | 1960. | 35.7 | 2.0 | 13.0 | -10.6 | 1981. |
| 14 | 47.0 | 8.3 | 57.7 | 14.3 | 77.0 | 25.0 | 1950. | 36.3 | 2.4 | 20.0 | -6.7 | 1970. |
| 15 | 47.4 | 8.5 | 57.7 | 14.3 | 77.0 | 25.0 | 1950. | 37.0 | 2.8 | 17.0 | -6.3 | 1948. |
| 16 | 46.6 | 8.1 | 58.1 | 14.5 | 83.0 | 28.3 | 1950. | 35.1 | 1.7 | 18.0 | -7.8 | 1972. |
| 17 | 46.1 | 7.9 | 57.2 | 14.0 | 75.0 | 25.6 | 1949. | 35.1 | 1.7 | 17.0 | -8.3 | 1972.+ |
| 18 | 47.2 | 8.5 | 58.4 | 14.7 | 77.0 | 25.0 | 1952. | 36.0 | 2.2 | 19.0 | -7.2 | 1977.+ |
| 19 | 48.1 | 8.9 | 58.7 | 14.8 | 75.0 | 25.6 | 1950.+ | 37.5 | 3.1 | 16.0 | -8.9 | 1976. |
| 20 | 47.7 | 8.7 | 58.3 | 14.6 | 75.0 | 23.9 | 1954.+ | 37.0 | 2.3 | 17.0 | -8.3 | 1976. |
| 21 | 47.6 | 8.7 | 58.8 | 14.9 | 80.0 | 26.7 | 1954. | 36.5 | 2.5 | 6.0 | -14.4 | 1985. |
| 22 | 47.5 | 8.6 | 58.6 | 14.8 | 76.0 | 24.4 | 1974.+ | 36.3 | 2.4 | 14.0 | -10.0 | 1985. |
| 23 | 48.8 | 9.4 | 59.2 | 15.1 | 80.0 | 26.7 | 1974. | 38.5 | 3.6 | 19.0 | -7.2 | 1985. |
| 24 | 49.1 | 9.5 | 60.2 | 15.7 | 75.0 | 26.1 | 1974.+ | 37.9 | 3.3 | 18.0 | -7.8 | 1963. |
| 25 | 49.2 | 9.5 | 60.0 | 15.5 | 82.0 | 27.8 | 1949. | 38.4 | 3.6 | 16.0 | -8.9 | 1963. |
| 26 | 50.1 | 10.1 | 61.0 | 16.1 | 80.0 | 26.7 | 1949. | 39.3 | 4.1 | 23.0 | -5.0 | 1985. |
| 27 | 50.2 | 10.1 | 61.4 | 16.4 | 82.0 | 27.8 | 1950. | 39.0 | 3.9 | 17.0 | -8.3 | 1986. |
| 28 | 47.9 | 8.9 | 58.7 | 14.8 | 81.0 | 27.2 | 1957. | 37.2 | 2.9 | 12.0 | -11.1 | 1986. |
| 29 | 47.9 | 8.8 | 58.8 | 14.9 | 79.0 | 26.1 | 1947. | 37.0 | 2.8 | 23.0 | -5.0 | 1977. |
| 30 | 49.6 | 9.8 | 61.2 | 16.2 | 80.0 | 26.7 | 1950. | 38.1 | 3.4 | 11.0 | -11.7 | 1966. |
| 31 | 48.5 | 9.2 | 60.4 | 15.8 | 81.0 | 27.2 | 1975. | 36.6 | 2.6 | 15.0 | -9.4 | 1966. |
| MONTH | 49.1 | 8.9 | 59.0 | 15.0 | 83.0 | 28.3 | 1950. | 37.2 | 2.9 | 6.0 | -14.4 | 1985. |

NOTES :

T = TRACE AMOUNTS (<.01, OF <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | |
|------------------|-------|------------------|--|---------------------|-------|--|------------------|---------------------|--------|------------------|-------|
| DAY | DEG F | AVERAGE DEG C | | AVERAGE DEG F | DEG C | | | AVERAGE DEG F | DEG C | | |
| | | | | | | | EXTREME DEG F | | | EXTREME DEG F | DATE |
| 1 | 48.8 | 9.3 | | 60.2 | 15.7 | | 81.0 | 27.2 | 1950. | 37.4 | 3.0 |
| 2 | 49.6 | 9.8 | | 59.7 | 15.4 | | 81.0 | 27.2 | 1950. | 39.5 | 4.2 |
| 3 | 47.5 | 8.6 | | 58.0 | 14.5 | | 77.0 | 25.0 | 1974.+ | 37.0 | 2.8 |
| 4 | 47.0 | 8.4 | | 58.6 | 14.8 | | 83.0 | 28.3 | 1957. | 35.5 | 1.9 |
| 5 | 47.3 | 8.5 | | 58.3 | 14.6 | | 76.0 | 24.4 | 1962. | 36.4 | 2.4 |
| 6 | 50.2 | 10.1 | | 60.5 | 15.8 | | 75.0 | 23.9 | 1956. | 39.9 | 4.4 |
| 7 | 49.4 | 9.7 | | 59.0 | 15.0 | | 73.0 | 22.8 | 1963.+ | 39.9 | 4.4 |
| 8 | 47.0 | 8.3 | | 58.9 | 14.9 | | 79.0 | 26.1 | 1965. | 35.2 | 1.9 |
| 9 | 47.5 | 8.6 | | 58.7 | 14.9 | | 80.0 | 26.7 | 1949. | 36.2 | 2.3 |
| 10 | 48.5 | 9.2 | | 60.2 | 15.7 | | 81.0 | 27.2 | 1959. | 36.9 | 2.7 |
| 11 | 49.7 | 9.8 | | 62.1 | 16.7 | | 76.0 | 25.6 | 1965. | 37.4 | 3.0 |
| 12 | 47.7 | 8.7 | | 59.8 | 15.4 | | 78.0 | 25.6 | 1965. | 35.6 | 2.0 |
| 13 | 49.1 | 9.5 | | 60.5 | 15.8 | | 78.0 | 25.6 | 1976. | 37.6 | 3.1 |
| 14 | 50.5 | 10.3 | | 63.8 | 17.7 | | 82.0 | 27.8 | 1962. | 37.2 | 2.9 |
| 15 | 51.6 | 11.0 | | 63.9 | 17.7 | | 79.0 | 26.1 | 1961.+ | 39.7 | 4.3 |
| 16 | 52.2 | 11.2 | | 62.8 | 17.1 | | 74.0 | 26.1 | 1976.+ | 41.6 | 5.4 |
| 17 | 50.7 | 10.4 | | 61.0 | 16.1 | | 79.0 | 26.1 | 1976. | 40.5 | 4.7 |
| 18 | 50.7 | 10.4 | | 62.4 | 16.9 | | 83.0 | 28.3 | 1956. | 39.0 | 3.9 |
| 19 | 53.5 | 12.0 | | 65.3 | 18.5 | | 83.0 | 28.3 | 1956. | 41.7 | 5.4 |
| 20 | 52.0 | 11.1 | | 63.7 | 17.6 | | 78.0 | 25.6 | 1951.+ | 40.2 | 4.6 |
| 21 | 51.1 | 10.6 | | 63.6 | 17.5 | | 79.0 | 26.1 | 1986. | 38.7 | 3.7 |
| 22 | 51.6 | 10.9 | | 62.1 | 16.7 | | 76.0 | 24.4 | 1980.+ | 41.1 | 5.1 |
| 23 | 52.5 | 11.4 | | 62.6 | 17.0 | | 81.0 | 27.2 | 1980. | 42.3 | 5.7 |
| 24 | 53.1 | 11.7 | | 64.2 | 17.9 | | 80.0 | 26.7 | 1982. | 42.1 | 5.6 |
| 25 | 52.8 | 11.6 | | 64.8 | 18.2 | | 80.0 | 26.7 | 1949. | 40.9 | 4.9 |
| 26 | 51.5 | 10.8 | | 62.8 | 17.1 | | 80.0 | 26.7 | 1971. | 40.2 | 4.5 |
| 27 | 52.3 | 11.3 | | 63.6 | 17.5 | | 84.0 | 28.9 | 1962. | 41.1 | 5.0 |
| 28 | 53.6 | 12.1 | | 65.4 | 18.5 | | 86.0 | 30.0 | 1962. | 42.2 | 5.7 |
| MONTH | 50.3 | 10.2 | | 61.6 | 16.5 | | 86.0 | 30.0 | 1962. | 39.0 | 3.9 |
| | | | | | | | | | | 12.0 | -11.1 |
| | | | | | | | | | | 1973. | |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR

| MEAN TEMPERATURE | | | MAXIMUM TEMPERATURE | | | MINIMUM TEMPERATURE | | | EXTREME | | | |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|-------|---------|---------|-------|--------|
| DAY | AVERAGE | | DATE | AVERAGE | | DATE | AVERAGE | | DATE | EXTREME | | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | |
| 1 | 52.8 | 11.5 | 63.7 | 17.6 | 62.0 | 27.8 | 1951. | 41.8 | 5.5 | 26.0 | -3.3 | 1980. |
| 2 | 52.7 | 11.5 | 63.8 | 17.7 | 85.0 | 29.4 | 1976. | 41.7 | 5.4 | 22.0 | -5.6 | 1980. |
| 3 | 54.1 | 12.3 | 65.7 | 18.7 | 86.0 | 30.0 | 1976. | 42.5 | 5.8 | 15.0 | -9.4 | 1980. |
| 4 | 55.7 | 13.2 | 66.9 | 19.4 | 82.0 | 27.8 | 1976.+ | 44.5 | 6.9 | 21.0 | -6.1 | 1980. |
| 5 | 55.8 | 13.2 | 66.4 | 19.1 | 82.0 | 27.8 | 1976.+ | 45.2 | 7.3 | 23.0 | -5.0 | 1978. |
| 6 | 54.7 | 12.6 | 64.9 | 18.3 | 85.0 | 25.4 | 1976. | 44.5 | 7.0 | 21.0 | -6.1 | 1960. |
| 7 | 53.6 | 12.0 | 64.7 | 18.2 | 86.0 | 30.0 | 1961. | 42.6 | 5.9 | 22.0 | -5.6 | 1960. |
| 8 | 53.1 | 11.7 | 64.8 | 18.2 | 86.0 | 30.0 | 1974. | 41.4 | 5.2 | 27.0 | -2.8 | 1962. |
| 9 | 52.5 | 11.4 | 64.3 | 18.0 | 87.0 | 30.6 | 1974. | 40.8 | 4.9 | 28.0 | -2.2 | 1947. |
| 10 | 54.0 | 12.2 | 65.9 | 18.8 | 90.0 | 32.2 | 1974. | 42.1 | 5.6 | 28.0 | -2.2 | 1966. |
| 11 | 56.1 | 13.4 | 67.6 | 19.8 | 85.0 | 25.4 | 1967. | 44.6 | 7.0 | 27.0 | -2.8 | 1969. |
| 12 | 58.5 | 14.7 | 70.0 | 21.1 | 89.0 | 31.7 | 1973.+ | 47.0 | 8.3 | 27.0 | -2.8 | 1969.+ |
| 13 | 59.5 | 15.3 | 71.0 | 21.7 | 88.0 | 31.1 | 1955. | 47.9 | 8.8 | 26.0 | -3.3 | 1960. |
| 14 | 58.4 | 14.7 | 69.6 | 20.9 | 85.0 | 25.4 | 1985. | 47.2 | 8.5 | 24.0 | -4.4 | 1960. |
| 15 | 57.3 | 14.0 | 68.6 | 20.4 | 87.0 | 30.6 | 1967. | 45.9 | 7.7 | 32.0 | .0 | 1974.+ |
| 16 | 57.4 | 14.1 | 68.2 | 20.1 | 85.0 | 29.4 | 1977. | 46.6 | 8.1 | 29.0 | -1.7 | 1954. |
| 17 | 55.3 | 13.0 | 66.7 | 19.3 | 85.0 | 29.4 | 1982. | 44.0 | 6.6 | 28.0 | -2.2 | 1954. |
| 18 | 56.4 | 13.6 | 68.2 | 20.1 | 90.0 | 32.2 | 1963. | 44.5 | 7.0 | 30.0 | -1.1 | 1967.+ |
| 19 | 58.6 | 14.8 | 69.5 | 20.9 | 85.0 | 29.4 | 1963. | 47.6 | 8.7 | 33.0 | .6 | 1985.+ |
| 20 | 58.8 | 14.9 | 69.8 | 21.0 | 88.0 | 31.1 | 1982. | 47.9 | 8.8 | 32.0 | .0 | 1981. |
| 21 | 57.6 | 14.2 | 68.0 | 20.0 | 87.0 | 30.6 | 1982.+ | 47.3 | 8.5 | 29.0 | -1.7 | 1981. |
| 22 | 56.6 | 13.7 | 67.6 | 19.8 | 85.0 | 25.4 | 1948. | 45.6 | 7.6 | 27.0 | -2.8 | 1956. |
| 23 | 56.5 | 13.6 | 68.6 | 20.4 | 83.0 | 28.3 | 1949.+ | 44.4 | 6.9 | 29.0 | -1.7 | 1986. |
| 24 | 58.5 | 14.7 | 71.0 | 21.6 | 84.0 | 28.9 | 1949. | 46.1 | 7.8 | 31.0 | -6 | 1968.+ |
| 25 | 58.7 | 14.9 | 69.8 | 21.0 | 84.0 | 28.9 | 1949. | 47.7 | 8.7 | 31.0 | -6 | 1968. |
| 26 | 57.9 | 14.4 | 69.6 | 20.9 | 85.0 | 29.4 | 1967. | 46.3 | 7.9 | 24.0 | -4.4 | 1947. |
| 27 | 58.2 | 14.5 | 69.7 | 20.9 | 85.0 | 29.4 | 1949. | 46.7 | 8.1 | 26.0 | -3.3 | 1955. |
| 28 | 58.7 | 14.8 | 69.3 | 20.7 | 84.0 | 28.9 | 1961.+ | 48.0 | 8.9 | 32.0 | .0 | 1969. |
| 29 | 60.5 | 15.8 | 71.7 | 22.0 | 87.0 | 30.6 | 1985. | 49.3 | 9.6 | 30.0 | -1.1 | 1966. |
| 30 | 61.6 | 16.4 | 73.0 | 22.8 | 88.0 | 31.1 | 1954. | 50.1 | 10.1 | 31.0 | -6 | 1964.+ |
| 31 | 61.1 | 16.2 | 71.9 | 22.2 | 86.0 | 31.1 | 1954. | 50.3 | 10.2 | 27.0 | -2.8 | 1964. |
| MONTH | 56.8 | 13.8 | 68.1 | 20.0 | 90.0 | 32.2 | 1974.+ | 45.6 | 7.5 | 15.0 | -9.4 | 1980. |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR

| MEAN TEMPERATURE | | | MAXIMUM TEMPERATURE | | | MINIMUM TEMPERATURE | | |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|--------|
| DAY | AVERAGE | | AVERAGE | EXTREME | | AVERAGE | EXTREME | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C |
| 1 | 61.9 | 16.6 | 73.1 | 22.8 | 86.0 | 30.0 | 1974. | 1.7 |
| 2 | 62.5 | 17.0 | 74.4 | 23.6 | 89.0 | 31.7 | 1986. | 3.9 |
| 3 | 62.9 | 17.2 | 75.0 | 23.9 | 93.0 | 33.9 | 1946. | .6 |
| 4 | 63.7 | 17.6 | 74.6 | 23.7 | 91.0 | 32.8 | 1963. | .6 |
| 5 | 61.7 | 16.5 | 72.3 | 22.4 | 89.0 | 31.7 | 1978. | 1.1 |
| 6 | 61.2 | 16.2 | 72.5 | 22.5 | 90.0 | 32.2 | 1967. | 3.3 |
| 7 | 62.5 | 17.0 | 74.8 | 23.8 | 92.0 | 33.3 | 1967. | .0 |
| 8 | 62.6 | 17.1 | 75.3 | 24.0 | 88.0 | 31.1 | 1948. | 1.1 |
| 9 | 62.7 | 17.1 | 74.6 | 23.6 | 89.0 | 31.7 | 1965. | .6 |
| 10 | 60.3 | 15.7 | 71.8 | 22.1 | 90.0 | 32.2 | 1978. | -1.1 |
| 11 | 62.3 | 16.9 | 74.0 | 23.3 | 83.0 | 28.3 | 1977.+ | -1.1 |
| 12 | 63.2 | 17.3 | 74.6 | 23.7 | 85.0 | 29.4 | 1981.+ | 2.2 |
| 13 | 64.1 | 17.8 | 75.1 | 24.0 | 89.0 | 31.7 | 1981. | 2.8 |
| 14 | 63.4 | 17.4 | 74.6 | 23.7 | 90.0 | 32.2 | 1972. | 2.8 |
| 15 | 63.5 | 17.5 | 74.9 | 23.8 | 91.0 | 32.8 | 1972. | .6 |
| 16 | 62.5 | 16.9 | 74.1 | 23.4 | 92.0 | 33.3 | 1967. | .0 |
| 17 | 61.7 | 16.5 | 74.8 | 23.8 | 91.0 | 32.8 | 1967. | 1.1 |
| 18 | 64.3 | 18.0 | 77.4 | 25.2 | 92.0 | 33.3 | 1967. | 5.0 |
| 19 | 65.0 | 18.4 | 77.5 | 25.3 | 87.0 | 31.7 | 1968. | 1.7 |
| 20 | 65.5 | 18.6 | 77.8 | 25.4 | 93.0 | 33.9 | 1968. | -6 |
| 21 | 65.4 | 18.6 | 77.7 | 25.4 | 91.0 | 32.8 | 1963. | 1.1 |
| 22 | 66.5 | 19.2 | 78.8 | 26.0 | 90.0 | 32.2 | 1976.+ | 2.8 |
| 23 | 68.1 | 20.1 | 79.8 | 26.5 | 92.0 | 33.3 | 1963. | 5.0 |
| 24 | 68.4 | 20.2 | 80.3 | 26.8 | 91.0 | 32.8 | 1958. | 1.7 |
| 25 | 67.6 | 19.8 | 78.8 | 26.0 | 92.0 | 33.3 | 1958. | 2.8 |
| 26 | 67.4 | 19.7 | 78.9 | 26.1 | 89.0 | 31.7 | 1985. | 6.1 |
| 27 | 67.5 | 19.7 | 79.1 | 26.2 | 93.0 | 33.9 | 1985. | 4.4 |
| 28 | 67.9 | 20.0 | 79.0 | 26.1 | 93.0 | 33.9 | 1981. | 4.4 |
| 29 | 67.6 | 19.8 | 78.6 | 25.9 | 92.0 | 33.3 | 1970. | 2.2 |
| 30 | 68.7 | 20.4 | 79.7 | 26.5 | 91.0 | 32.8 | 1981. | 7.2 |
| MONTH | 64.4 | 18.0 | 76.1 | 24.5 | 93.0 | 33.9 | 1985.+ | -1.1 |
| | | | | | | | | 1972.+ |

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

J13880 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | |
|------------------|---------|-------|------|---------------------|-------|------|---------|---------------------|--------|---------|-------|
| DAY | AVERAGE | | DATE | AVERAGE | | DATE | AVERAGE | | DATE | AVERAGE | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C |
| 1 | 70.2 | 21.2 | | 81.7 | 27.6 | | 93.0 | 33.9 | 1986. | 58.6 | 14.8 |
| 2 | 69.9 | 21.1 | | 80.6 | 27.0 | | 91.0 | 32.8 | 1962. | 59.2 | 15.1 |
| 3 | 69.4 | 20.8 | | 80.2 | 26.8 | | 93.0 | 33.9 | 1959. | 58.6 | 14.8 |
| 4 | 68.0 | 20.0 | | 79.2 | 26.2 | | 90.0 | 32.2 | 1950. | 56.9 | 13.8 |
| 5 | 68.7 | 20.4 | | 80.9 | 27.2 | | 92.0 | 33.3 | 1952. | 56.5 | 13.6 |
| 6 | 69.8 | 21.0 | | 82.3 | 27.9 | | 95.0 | 35.0 | 1952. | 57.4 | 14.1 |
| 7 | 70.5 | 21.6 | | 82.5 | 28.1 | | 93.0 | 33.9 | 1977. | 59.1 | 15.1 |
| 8 | 69.7 | 20.9 | | 80.7 | 27.0 | | 93.0 | 33.9 | 1986. | 58.8 | 14.9 |
| 9 | 69.1 | 20.6 | | 79.8 | 26.5 | | 95.0 | 35.0 | 1963. | 58.3 | 14.6 |
| 10 | 68.5 | 20.3 | | 80.1 | 26.7 | | 93.0 | 33.9 | 1963. | 57.0 | 13.9 |
| 11 | 70.8 | 21.6 | | 82.4 | 28.0 | | 96.0 | 35.6 | 1963.+ | 59.3 | 15.2 |
| 12 | 71.2 | 21.8 | | 82.3 | 27.9 | | 92.0 | 33.3 | 1953. | 60.2 | 15.7 |
| 13 | 72.2 | 22.4 | | 83.1 | 28.4 | | 93.0 | 33.9 | 1970.+ | 61.4 | 16.3 |
| 14 | 72.6 | 22.6 | | 83.8 | 28.8 | | 95.0 | 35.0 | 1956. | 61.5 | 16.4 |
| 15 | 72.5 | 22.5 | | 82.6 | 28.1 | | 94.0 | 34.4 | 1970.+ | 62.4 | 16.9 |
| 16 | 72.2 | 22.3 | | 83.0 | 28.3 | | 93.0 | 33.9 | 1963. | 61.4 | 16.3 |
| 17 | 72.2 | 22.3 | | 83.1 | 28.4 | | 96.0 | 35.6 | 1963. | 61.2 | 16.2 |
| 18 | 73.1 | 22.9 | | 84.2 | 29.0 | | 96.0 | 35.6 | 1960. | 62.1 | 16.7 |
| 19 | 73.5 | 23.0 | | 84.4 | 29.1 | | 94.0 | 34.4 | 1965.+ | 62.5 | 17.0 |
| 20 | 74.1 | 23.4 | | 84.3 | 29.1 | | 93.0 | 33.9 | 1967.+ | 63.8 | 17.7 |
| 21 | 73.9 | 23.3 | | 84.4 | 29.1 | | 96.0 | 35.6 | 1962. | 63.4 | 17.4 |
| 22 | 74.2 | 23.4 | | 84.4 | 29.1 | | 95.0 | 35.0 | 1951. | 64.0 | 17.8 |
| 23 | 74.4 | 23.5 | | 83.8 | 28.8 | | 96.0 | 35.6 | 1956. | 65.0 | 18.3 |
| 24 | 74.6 | 23.7 | | 84.8 | 29.3 | | 97.0 | 36.1 | 1953. | 64.5 | 18.1 |
| 25 | 74.1 | 23.4 | | 84.1 | 28.9 | | 97.0 | 36.1 | 1953. | 64.1 | 17.8 |
| 26 | 74.4 | 23.6 | | 83.7 | 28.7 | | 98.0 | 36.7 | 1953. | 65.1 | 18.4 |
| 27 | 74.1 | 23.4 | | 83.6 | 28.7 | | 95.0 | 35.0 | 1962. | 64.6 | 18.1 |
| 28 | 74.2 | 23.4 | | 84.1 | 28.9 | | 97.0 | 36.1 | 1967.+ | 64.3 | 17.9 |
| 29 | 74.9 | 23.9 | | 84.6 | 29.2 | | 94.0 | 34.4 | 1967. | 65.3 | 18.5 |
| 30 | 75.1 | 23.9 | | 84.9 | 29.4 | | 95.0 | 35.0 | 1974. | 65.4 | 18.5 |
| 31 | 75.3 | 24.0 | | 85.5 | 29.7 | | 98.0 | 36.7 | 1953. | 65.1 | 18.4 |
| MONTH | 72.2 | 22.3 | | 82.9 | 28.3 | | 96.0 | 36.7 | 1953.+ | 61.5 | 16.4 |
| | | | | | | | | | | 36.0 | 2.2 |
| | | | | | | | | | | 2.2 | 1963. |

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN

| DAY | MEAN TEMPERATURE | | MAXIMUM TEMPERATURE | | EXTREME | | DATE | | MINIMUM TEMPERATURE | | EXTREME | | DATE | |
|-------|------------------|------------------|---------------------|------------------|---------|-------|--------|--------|---------------------|------------------|---------|-------|--------|--------|
| | DEG F | AVERAGE DEG C | DEG F | AVERAGE DEG C | DEG F | DEG C | DATE | DATE | DEG F | AVERAGE DEG C | DEG F | DEG C | DATE | DATE |
| 1 | 75.4 | 24.1 | 85.8 | 29.9 | 98.0 | 36.7 | 1953. | 1953. | 51.0 | 18.3 | 51.0 | 10.6 | 1966. | 1966. |
| 2 | 75.4 | 24.1 | 85.9 | 29.9 | 100.0 | 37.8 | 1985. | 1985. | 50.0 | 18.3 | 50.0 | 10.0 | 1972. | 1972. |
| 3 | 75.4 | 24.1 | 85.5 | 29.7 | 99.0 | 37.2 | 1985. | 1985. | 53.0 | 18.5 | 53.0 | 11.7 | 1966. | 1966. |
| 4 | 75.2 | 24.0 | 84.8 | 29.3 | 95.0 | 35.0 | 1985. | 1985. | 56.0 | 18.6 | 56.0 | 13.3 | 1966.+ | 1966.+ |
| 5 | 75.7 | 24.3 | 85.6 | 29.8 | 96.0 | 35.6 | 1971. | 1971. | 55.0 | 18.8 | 55.0 | 12.8 | 1966.+ | 1966.+ |
| 6 | 76.8 | 24.9 | 86.9 | 30.5 | 95.0 | 35.0 | 1977.+ | 1977.+ | 53.0 | 19.2 | 53.0 | 11.7 | 1946. | 1946. |
| 7 | 76.8 | 24.9 | 86.4 | 30.2 | 96.0 | 35.6 | 1986. | 1986. | 55.0 | 19.5 | 55.0 | 12.8 | 1946. | 1946. |
| 8 | 77.5 | 25.3 | 87.4 | 30.8 | 98.0 | 36.7 | 1986. | 1986. | 55.0 | 19.8 | 55.0 | 12.8 | 1976. | 1976. |
| 9 | 77.5 | 25.3 | 87.3 | 30.7 | 99.0 | 37.2 | 1986.+ | 1986.+ | 59.0 | 19.9 | 59.0 | 15.0 | 1972.+ | 1972.+ |
| 10 | 77.1 | 25.0 | 86.6 | 30.4 | 97.0 | 36.1 | 1963. | 1963. | 52.0 | 19.7 | 52.0 | 11.1 | 1960. | 1960. |
| 11 | 77.2 | 25.1 | 86.8 | 30.4 | 98.0 | 36.7 | 1963. | 1963. | 55.0 | 19.8 | 55.0 | 12.8 | 1972. | 1972. |
| 12 | 77.2 | 25.1 | 86.7 | 30.4 | 96.0 | 35.6 | 1977.+ | 1977.+ | 50.0 | 19.8 | 50.0 | 10.0 | 1972. | 1972. |
| 13 | 78.3 | 25.7 | 88.1 | 31.2 | 95.0 | 35.0 | 1986.+ | 1986.+ | 57.0 | 20.2 | 57.0 | 13.9 | 1979. | 1979. |
| 14 | 78.1 | 25.6 | 87.5 | 30.9 | 97.0 | 36.1 | 1981. | 1981. | 58.0 | 20.4 | 58.0 | 14.4 | 1950. | 1950. |
| 15 | 78.2 | 25.6 | 86.9 | 30.5 | 98.0 | 36.7 | 1981. | 1981. | 55.0 | 20.8 | 55.0 | 12.8 | 1959. | 1959. |
| 16 | 78.0 | 25.6 | 87.5 | 30.9 | 100.0 | 37.8 | 1981. | 1981. | 55.0 | 20.3 | 55.0 | 12.8 | 1955. | 1955. |
| 17 | 77.4 | 25.2 | 86.6 | 30.3 | 101.0 | 38.3 | 1981. | 1981. | 59.0 | 20.1 | 59.0 | 15.0 | 1979.+ | 1979.+ |
| 18 | 77.9 | 25.5 | 87.1 | 30.6 | 96.0 | 35.6 | 1952. | 1952. | 57.0 | 20.3 | 57.0 | 13.9 | 1974. | 1974. |
| 19 | 78.5 | 25.9 | 87.9 | 31.0 | 100.0 | 37.8 | 1970. | 1970. | 54.0 | 20.7 | 54.0 | 12.2 | 1961. | 1961. |
| 20 | 78.9 | 26.0 | 88.4 | 31.4 | 100.0 | 37.8 | 1970. | 1970. | 60.0 | 20.7 | 60.0 | 15.6 | 1961. | 1961. |
| 21 | 79.3 | 26.3 | 88.2 | 31.2 | 97.0 | 36.1 | 1981.+ | 1981.+ | 60.0 | 21.3 | 60.0 | 15.6 | 1966. | 1966. |
| 22 | 78.5 | 25.8 | 87.6 | 30.9 | 96.0 | 35.6 | 1981. | 1981. | 56.0 | 20.8 | 56.0 | 13.3 | 1966. | 1966. |
| 23 | 79.1 | 26.2 | 88.4 | 31.3 | 99.0 | 37.2 | 1954. | 1954. | 57.0 | 21.0 | 57.0 | 13.9 | 1947. | 1947. |
| 24 | 79.2 | 26.2 | 88.5 | 31.4 | 98.0 | 36.7 | 1950.+ | 1950.+ | 56.0 | 21.1 | 56.0 | 13.3 | 1947. | 1947. |
| 25 | 80.0 | 26.7 | 89.7 | 32.0 | 99.0 | 37.2 | 1977.+ | 1977.+ | 58.0 | 21.3 | 58.0 | 14.4 | 1947. | 1947. |
| 26 | 79.8 | 26.5 | 88.3 | 31.3 | 101.0 | 38.3 | 1952. | 1952. | 62.0 | 21.8 | 62.0 | 16.7 | 1946. | 1946. |
| 27 | 79.8 | 26.5 | 88.5 | 31.4 | 101.0 | 38.3 | 1954. | 1954. | 65.0 | 21.7 | 65.0 | 18.3 | 1967.+ | 1967.+ |
| 28 | 79.4 | 26.3 | 88.6 | 31.5 | 99.0 | 37.2 | 1978. | 1978. | 63.0 | 21.2 | 63.0 | 17.2 | 1979. | 1979. |
| 29 | 79.6 | 26.5 | 89.3 | 31.8 | 99.0 | 37.2 | 1959. | 1959. | 60.0 | 21.1 | 60.0 | 15.6 | 1981. | 1981. |
| 30 | 79.9 | 26.6 | 89.9 | 32.1 | 99.0 | 37.2 | 1959. | 1959. | 58.0 | 21.1 | 58.0 | 14.4 | 1970. | 1970. |
| MONTH | 77.9 | 25.5 | 87.4 | 30.8 | 101.0 | 38.3 | 1981.+ | 1981.+ | 50.0 | 20.2 | 50.0 | 10.0 | 1972.+ | 1972.+ |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | | | | |
|------------------|---------|-------|------|---------------------|-------|------|---------|---------------------|--------|---------|-------|------|------|--------|
| DAY | AVERAGE | | DATE | AVERAGE | | DATE | EXTREME | | DATE | EXTREME | | | | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | | |
| 1 | 80.2 | 26.8 | | 89.5 | 32.0 | | 100.0 | 37.8 | 1970. | 70.9 | 21.6 | 62.0 | 16.7 | 1964. |
| 2 | 80.4 | 26.9 | | 89.4 | 31.9 | | 98.0 | 36.7 | 1970. | 71.4 | 21.9 | 62.0 | 16.7 | 1975. |
| 3 | 80.3 | 26.8 | | 89.4 | 31.9 | | 97.0 | 36.1 | 1970. | 71.1 | 21.7 | 64.0 | 17.8 | 1965.+ |
| 4 | 80.3 | 26.8 | | 89.5 | 31.9 | | 96.0 | 35.6 | 1982. | 71.2 | 21.8 | 63.0 | 17.2 | 1947. |
| 5 | 79.3 | 26.3 | | 88.2 | 31.2 | | 95.0 | 35.6 | 1969. | 70.3 | 21.3 | 58.0 | 14.4 | 1952. |
| 6 | 79.6 | 26.4 | | 88.4 | 31.3 | | 98.0 | 36.7 | 1969. | 70.9 | 21.6 | 60.0 | 15.6 | 1947. |
| 7 | 79.9 | 26.6 | | 89.0 | 31.6 | | 99.0 | 37.2 | 1954. | 70.9 | 21.6 | 60.0 | 15.6 | 1964. |
| 8 | 79.2 | 26.2 | | 87.9 | 31.0 | | 100.0 | 37.8 | 1986. | 70.6 | 21.4 | 60.0 | 15.6 | 1972.+ |
| 9 | 79.8 | 26.6 | | 88.7 | 31.5 | | 103.0 | 39.4 | 1986. | 71.0 | 21.7 | 59.0 | 15.0 | 1972. |
| 10 | 80.4 | 26.9 | | 89.0 | 31.7 | | 100.0 | 37.8 | 1986. | 71.8 | 22.1 | 65.0 | 18.3 | 1972.+ |
| 11 | 80.3 | 26.8 | | 89.5 | 31.9 | | 102.0 | 38.9 | 1986. | 71.2 | 21.8 | 62.0 | 16.7 | 1963. |
| 12 | 80.2 | 26.8 | | 88.8 | 31.6 | | 100.0 | 37.8 | 1986. | 71.6 | 22.0 | 62.0 | 16.7 | 1963. |
| 13 | 80.6 | 27.0 | | 89.8 | 32.1 | | 101.0 | 38.3 | 1986. | 71.5 | 21.9 | 63.0 | 17.2 | 1974. |
| 14 | 81.3 | 27.4 | | 90.5 | 32.5 | | 101.0 | 38.3 | 1986. | 72.0 | 22.2 | 62.0 | 16.7 | 1974. |
| 15 | 81.2 | 27.4 | | 90.0 | 32.2 | | 99.0 | 37.2 | 1986. | 72.5 | 22.5 | 66.0 | 18.9 | 1974. |
| 16 | 81.3 | 27.4 | | 90.2 | 32.3 | | 100.0 | 37.8 | 1983. | 72.5 | 22.5 | 63.0 | 17.2 | 1967. |
| 17 | 80.3 | 26.9 | | 88.7 | 31.5 | | 99.0 | 37.2 | 1983. | 72.0 | 22.2 | 64.0 | 17.8 | 1946. |
| 18 | 80.7 | 27.0 | | 89.3 | 31.9 | | 101.0 | 38.3 | 1986. | 72.0 | 22.2 | 59.0 | 15.0 | 1946. |
| 19 | 80.9 | 27.2 | | 89.7 | 32.0 | | 104.0 | 40.0 | 1986. | 72.2 | 22.3 | 65.0 | 18.3 | 1946. |
| 20 | 81.6 | 27.5 | | 90.5 | 32.5 | | 104.0 | 40.0 | 1986. | 72.6 | 22.6 | 67.0 | 19.4 | 1957.+ |
| 21 | 81.2 | 27.3 | | 90.0 | 32.2 | | 101.0 | 38.3 | 1986.+ | 72.3 | 22.4 | 64.0 | 17.8 | 1957. |
| 22 | 81.0 | 27.2 | | 90.1 | 32.3 | | 101.0 | 38.3 | 1977. | 71.9 | 22.1 | 64.0 | 17.8 | 1974.+ |
| 23 | 80.7 | 27.1 | | 90.1 | 32.3 | | 99.0 | 37.2 | 1952. | 71.4 | 21.9 | 60.0 | 15.6 | 1974.+ |
| 24 | 81.2 | 27.3 | | 90.2 | 32.3 | | 100.0 | 37.8 | 1983.+ | 72.2 | 22.4 | 66.0 | 18.9 | 1974. |
| 25 | 81.1 | 27.3 | | 89.7 | 32.1 | | 96.0 | 35.6 | 1983. | 72.4 | 22.5 | 68.0 | 20.0 | 1977.+ |
| 26 | 81.0 | 27.2 | | 89.4 | 31.9 | | 96.0 | 35.6 | 1977.+ | 72.5 | 22.5 | 67.0 | 19.4 | 1959. |
| 27 | 80.8 | 27.1 | | 89.3 | 31.8 | | 98.0 | 36.7 | 1949. | 72.4 | 22.4 | 68.0 | 20.0 | 1959.+ |
| 28 | 81.3 | 27.4 | | 89.9 | 32.1 | | 101.0 | 38.3 | 1949. | 72.7 | 22.6 | 65.0 | 18.3 | 1954. |
| 29 | 81.3 | 27.4 | | 90.1 | 32.3 | | 98.0 | 36.7 | 1981.+ | 72.5 | 22.5 | 63.0 | 17.2 | 1954. |
| 30 | 81.2 | 27.3 | | 90.2 | 32.3 | | 97.0 | 36.1 | 1986. | 72.2 | 22.3 | 65.0 | 18.3 | 1960. |
| 31 | 91.1 | 27.3 | | 89.6 | 32.0 | | 95.0 | 35.0 | 1986.+ | 72.5 | 22.5 | 65.0 | 18.3 | 1966. |
| MONTH | 80.6 | 27.0 | | 89.5 | 31.9 | | 104.0 | 40.0 | 1986.+ | 71.8 | 22.1 | 58.0 | 14.4 | 1952. |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

U1380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | EXTREME | | | | MINIMUM TEMPERATURE | | | |
|------------------|---------|-------|---|---------------------|-------|---|---------|---------|--------|---------|-------|---------------------|---------|-------|--------|
| DAY | AVERAGE | | I | AVERAGE | | I | EXTREME | | I | AVERAGE | | I | EXTREME | | I |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | |
| 1 | 81.0 | 27.2 | | 89.6 | 32.0 | | 97.0 | 36.1 | 1954. | | 72.4 | 22.4 | 64.0 | 17.8 | 1966. |
| 2 | 81.5 | 27.5 | | 90.2 | 32.3 | | 99.0 | 37.2 | 1954. | | 72.9 | 22.7 | 63.0 | 17.2 | 1966. |
| 3 | 81.3 | 27.4 | | 89.9 | 32.2 | | 97.0 | 36.1 | 1979.+ | | 72.6 | 22.6 | 66.0 | 18.9 | 1985. |
| 4 | 80.8 | 27.1 | | 89.5 | 31.9 | | 98.0 | 36.7 | 1963.+ | | 72.1 | 22.3 | 65.0 | 18.3 | 1959. |
| 5 | 80.9 | 27.2 | | 89.8 | 32.1 | | 100.0 | 37.8 | 1954. | | 72.0 | 22.2 | 63.0 | 17.2 | 1976. |
| 6 | 80.4 | 26.9 | | 89.3 | 31.8 | | 97.0 | 36.1 | 1956. | | 71.5 | 21.9 | 62.0 | 16.7 | 1951.+ |
| 7 | 80.4 | 26.9 | | 89.7 | 32.0 | | 98.0 | 36.7 | 1979. | | 71.2 | 21.8 | 59.0 | 15.0 | 1948. |
| 8 | 80.4 | 26.9 | | 89.8 | 32.1 | | 99.0 | 37.2 | 1968. | | 71.7 | 21.7 | 61.0 | 16.1 | 1957.+ |
| 9 | 80.8 | 27.1 | | 90.0 | 32.2 | | 96.0 | 35.6 | 1972. | | 71.5 | 22.0 | 62.0 | 16.7 | 1950. |
| 10 | 80.9 | 27.2 | | 89.8 | 32.1 | | 97.0 | 36.1 | 1983. | | 72.1 | 22.3 | 63.0 | 17.2 | 1950. |
| 11 | 80.3 | 26.9 | | 89.1 | 31.7 | | 98.0 | 36.7 | 1968. | | 71.6 | 22.0 | 66.0 | 18.9 | 1945. |
| 12 | 80.1 | 26.7 | | 88.7 | 31.5 | | 93.0 | 36.7 | 1957. | | 71.6 | 22.0 | 62.0 | 16.7 | 1967. |
| 13 | 80.1 | 26.7 | | 88.9 | 31.6 | | 97.0 | 36.1 | 1957. | | 71.4 | 21.9 | 61.0 | 16.1 | 1979. |
| 14 | 79.5 | 26.4 | | 88.1 | 31.2 | | 95.0 | 35.0 | 1952. | | 71.0 | 21.7 | 61.0 | 16.1 | 1979. |
| 15 | 80.0 | 26.7 | | 88.6 | 31.4 | | 96.0 | 35.6 | 1957. | | 71.5 | 21.9 | 63.0 | 17.2 | 1967. |
| 16 | 80.4 | 26.9 | | 89.1 | 31.7 | | 99.0 | 37.2 | 1954. | | 71.7 | 22.0 | 65.0 | 18.3 | 1967. |
| 17 | 80.2 | 26.8 | | 88.9 | 31.6 | | 102.0 | 38.9 | 1954. | | 71.5 | 22.0 | 62.0 | 16.7 | 1979. |
| 18 | 80.3 | 26.8 | | 89.1 | 31.7 | | 96.0 | 35.6 | 1946. | | 71.5 | 21.9 | 56.0 | 13.3 | 1979. |
| 19 | 80.2 | 26.8 | | 88.7 | 31.5 | | 98.0 | 36.7 | 1983. | | 71.6 | 22.0 | 63.0 | 17.2 | 1960. |
| 20 | 80.0 | 26.7 | | 88.9 | 31.6 | | 97.0 | 36.1 | 1979.+ | | 71.1 | 21.7 | 64.0 | 17.8 | 1960. |
| 21 | 79.7 | 26.5 | | 88.6 | 31.5 | | 100.0 | 37.8 | 1983. | | 70.8 | 21.6 | 62.0 | 16.7 | 1961. |
| 22 | 79.7 | 26.5 | | 88.3 | 31.3 | | 100.0 | 37.8 | 1983. | | 71.1 | 21.7 | 63.0 | 17.2 | 1953. |
| 23 | 79.6 | 26.4 | | 88.3 | 31.3 | | 98.0 | 36.7 | 1983.+ | | 70.9 | 21.6 | 62.0 | 16.7 | 1953. |
| 24 | 79.2 | 26.2 | | 87.8 | 31.0 | | 96.0 | 36.7 | 1968. | | 70.5 | 21.4 | 61.0 | 16.1 | 1953. |
| 25 | 79.1 | 26.2 | | 87.7 | 30.9 | | 95.0 | 35.0 | 1982.+ | | 70.5 | 21.4 | 62.0 | 16.7 | 1957. |
| 26 | 78.8 | 26.0 | | 87.2 | 30.7 | | 97.0 | 36.1 | 1954. | | 70.4 | 21.3 | 60.0 | 15.6 | 1952. |
| 27 | 78.7 | 25.9 | | 87.4 | 30.8 | | 99.0 | 37.2 | 1954. | | 70.0 | 21.1 | 61.0 | 16.1 | 1966. |
| 28 | 78.3 | 25.7 | | 87.2 | 30.7 | | 95.0 | 35.0 | 1983.+ | | 69.4 | 20.8 | 60.0 | 15.6 | 1986. |
| 29 | 79.0 | 25.9 | | 87.5 | 30.8 | | 96.0 | 35.6 | 1993. | | 69.7 | 21.0 | 57.0 | 13.9 | 1986. |
| 30 | 78.4 | 25.8 | | 87.0 | 30.6 | | 96.0 | 35.6 | 1946. | | 69.8 | 21.0 | 59.0 | 15.0 | 1966. |
| 31 | 78.5 | 25.8 | | 87.3 | 30.7 | | 97.0 | 36.1 | 1954. | | 69.7 | 21.0 | 63.0 | 17.2 | 1946. |
| MONTH | 79.9 | 26.6 | | 88.7 | 31.5 | | 102.0 | 38.9 | 1954. | | 71.2 | 21.8 | 56.0 | 13.3 | 1979. |

NOTE: ..

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

613890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP

| MEAN TEMPERATURE | | | MAXIMUM TEMPERATURE | | | MINIMUM TEMPERATURE | | |
|------------------|---------|-------|---------------------|---------|-------|---------------------|---------|--------|
| DAY | AVERAGE | | AVERAGE | EXTREME | | AVERAGE | EXTREME | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C |
| 1 | 78.5 | 25.8 | 87.1 | 30.6 | 94.0 | 34.4 | 1957. | 1946. |
| 2 | 78.6 | 25.9 | 87.3 | 30.7 | 95.0 | 35.0 | 1947. | 1967.+ |
| 3 | 78.2 | 25.7 | 87.1 | 30.6 | 96.0 | 35.6 | 1947. | 1954. |
| 4 | 78.2 | 25.7 | 86.9 | 30.5 | 95.0 | 35.0 | 1963. | 1967. |
| 5 | 77.7 | 25.4 | 85.9 | 30.0 | 95.0 | 35.0 | 1947. | 1950. |
| 6 | 77.7 | 25.4 | 86.2 | 30.1 | 95.0 | 35.0 | 1983.+ | 1950. |
| 7 | 77.6 | 25.4 | 87.0 | 30.5 | 95.0 | 35.0 | 1947. | 1972. |
| 8 | 77.1 | 25.1 | 86.1 | 30.1 | 94.0 | 34.4 | 1980.+ | 1972. |
| 9 | 76.7 | 24.8 | 85.6 | 29.8 | 95.0 | 35.0 | 1973.+ | 1966. |
| 10 | 76.7 | 24.8 | 85.7 | 29.8 | 96.0 | 35.6 | 1945. | 1956. |
| 11 | 76.7 | 24.8 | 85.5 | 29.7 | 95.0 | 35.0 | 1983. | 1956. |
| 12 | 76.4 | 24.7 | 85.5 | 29.7 | 93.0 | 33.9 | 1963. | 1976. |
| 13 | 75.4 | 24.1 | 84.3 | 29.0 | 93.0 | 33.9 | 1967. | 1969. |
| 14 | 75.3 | 24.0 | 84.5 | 29.2 | 93.0 | 33.9 | 1984. | 1985. |
| 15 | 75.9 | 24.4 | 85.0 | 29.5 | 95.0 | 35.6 | 1980. | 1967. |
| 16 | 76.1 | 24.5 | 84.2 | 29.0 | 97.0 | 36.1 | 1980. | 1967. |
| 17 | 75.5 | 24.2 | 83.8 | 29.6 | 96.0 | 35.6 | 1972. | 1961. |
| 18 | 75.7 | 24.3 | 84.2 | 29.0 | 93.0 | 33.9 | 1980.+ | 1959. |
| 19 | 75.6 | 24.2 | 84.6 | 29.2 | 94.0 | 34.4 | 1980. | 1981. |
| 20 | 75.9 | 24.4 | 85.3 | 29.6 | 92.0 | 33.3 | 1945. | 1984.+ |
| 21 | 75.7 | 24.3 | 84.8 | 29.3 | 93.0 | 33.9 | 1954.+ | 1962. |
| 22 | 74.4 | 23.6 | 83.7 | 29.7 | 92.0 | 33.3 | 1980. | 1983. |
| 23 | 73.4 | 23.0 | 83.3 | 28.5 | 95.0 | 35.0 | 1980. | 1983. |
| 24 | 72.7 | 22.6 | 82.5 | 29.0 | 95.0 | 35.0 | 1980. | 1967. |
| 25 | 73.0 | 22.8 | 82.5 | 28.0 | 94.0 | 34.4 | 1980. | 1981. |
| 26 | 72.9 | 22.7 | 82.1 | 27.9 | 93.0 | 33.9 | 1986.+ | 1950. |
| 27 | 73.1 | 22.8 | 82.2 | 27.9 | 94.0 | 34.4 | 1986. | 1947. |
| 28 | 72.2 | 22.3 | 81.2 | 27.4 | 94.0 | 34.4 | 1986. | 1962.+ |
| 29 | 71.9 | 22.2 | 80.1 | 26.7 | 91.0 | 32.8 | 1972. | 1970. |
| 30 | 71.9 | 22.1 | 81.0 | 27.2 | 92.0 | 33.3 | 1973. | 1967. |
| MONTH | 75.6 | 24.2 | 84.5 | 29.2 | 97.0 | 36.1 | 1980. | 1967. |

NOTES :
T = TRACE AMOUNTS (<0.01, OR <0.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | |
|------------------|---------|-------|------|---------------------|-------|------|---------|---------------------|------|---------|-------|
| DAY | AVERAGE | | DATE | EXTREME | | DATE | AVERAGE | | DATE | EXTREME | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C |
| 1 | 72.3 | 22.4 | 82.2 | 27.9 | 91.0 | 32.8 | 1986. | 62.4 | 16.9 | 45.0 | 7.2 |
| 2 | 71.4 | 21.9 | 81.0 | 27.2 | 93.0 | 33.9 | 1986. | 61.9 | 16.6 | 43.0 | 6.1 |
| 3 | 70.2 | 21.2 | 80.4 | 26.9 | 93.0 | 33.9 | 1986. | 60.0 | 15.6 | 42.0 | 5.6 |
| 4 | 69.9 | 21.0 | 80.3 | 26.8 | 92.0 | 33.3 | 1986. | 59.4 | 15.2 | 42.0 | 2.8 |
| 5 | 69.8 | 21.0 | 80.6 | 27.0 | 94.0 | 34.4 | 1986. | 59.0 | 15.0 | 42.0 | 5.6 |
| 6 | 69.5 | 20.8 | 80.0 | 26.7 | 93.0 | 33.9 | 1954. | 59.0 | 15.0 | 45.0 | 7.2 |
| 7 | 69.3 | 20.7 | 79.4 | 26.3 | 91.0 | 32.8 | 1951. | 59.2 | 15.1 | 44.0 | 6.7 |
| 8 | 69.1 | 20.6 | 79.3 | 26.3 | 90.0 | 32.2 | 1962. | 58.9 | 15.0 | 44.0 | 6.7 |
| 9 | 68.7 | 20.4 | 79.1 | 26.2 | 87.0 | 30.6 | 1959. | 58.3 | 14.6 | 40.0 | 4.4 |
| 10 | 67.6 | 19.8 | 77.7 | 25.4 | 87.0 | 30.6 | 1959. | 57.5 | 14.1 | 45.0 | 7.2 |
| 11 | 66.7 | 19.3 | 77.4 | 25.2 | 88.0 | 31.1 | 1980. | 56.1 | 13.4 | 44.0 | 6.7 |
| 12 | 67.1 | 19.5 | 79.9 | 26.0 | 87.0 | 30.6 | 1954. | 55.4 | 13.0 | 40.0 | 4.4 |
| 13 | 67.4 | 19.7 | 78.9 | 26.1 | 88.0 | 31.1 | 1986. | 55.9 | 13.3 | 42.0 | 5.6 |
| 14 | 67.7 | 19.8 | 79.8 | 26.0 | 87.0 | 30.6 | 1959. | 56.5 | 13.6 | 41.0 | 5.0 |
| 15 | 66.7 | 19.3 | 77.2 | 25.1 | 87.0 | 30.6 | 1985. | 56.2 | 13.4 | 42.0 | 5.6 |
| 16 | 66.6 | 19.2 | 77.1 | 25.1 | 86.0 | 30.0 | 1973. | 56.0 | 13.3 | 38.0 | 3.3 |
| 17 | 66.5 | 19.2 | 76.4 | 24.6 | 91.0 | 32.8 | 1972. | 56.6 | 13.7 | 37.0 | 2.8 |
| 18 | 65.6 | 18.7 | 76.4 | 24.7 | 86.0 | 31.1 | 1980. | 54.9 | 12.7 | 37.0 | 2.8 |
| 19 | 65.6 | 18.7 | 76.4 | 24.7 | 87.0 | 30.6 | 1980. | 54.7 | 12.6 | 39.0 | 3.9 |
| 20 | 63.4 | 17.4 | 74.2 | 23.5 | 87.0 | 30.6 | 1950. | 52.5 | 11.4 | 34.0 | 1.1 |
| 21 | 62.9 | 17.2 | 73.8 | 23.2 | 86.0 | 30.0 | 1963. | 52.0 | 11.1 | 37.0 | 2.8 |
| 22 | 64.1 | 17.8 | 74.9 | 23.6 | 84.0 | 28.9 | 1947. | 53.3 | 11.9 | 33.0 | .6 |
| 23 | 65.3 | 18.5 | 76.5 | 24.7 | 86.0 | 30.0 | 1966. | 54.1 | 12.3 | 33.0 | .6 |
| 24 | 64.7 | 18.2 | 75.8 | 24.3 | 85.0 | 29.4 | 1972. | 53.6 | 12.0 | 37.0 | 2.8 |
| 25 | 62.6 | 17.0 | 73.0 | 22.8 | 83.0 | 28.3 | 1985. | 52.3 | 11.3 | 34.0 | 1.1 |
| 26 | 62.9 | 17.2 | 74.2 | 23.4 | 84.0 | 28.9 | 1963. | 51.6 | 10.9 | 33.0 | .6 |
| 27 | 62.9 | 17.2 | 74.4 | 23.5 | 87.0 | 30.6 | 1978. | 51.4 | 10.8 | 33.0 | .6 |
| 28 | 63.0 | 17.2 | 74.4 | 23.5 | 86.0 | 30.0 | 1963. | 51.6 | 10.9 | 32.0 | .0 |
| 29 | 61.5 | 16.4 | 72.5 | 22.5 | 85.0 | 29.4 | 1946. | 50.6 | 10.3 | 27.0 | -2.8 |
| 30 | 61.7 | 16.5 | 72.5 | 22.5 | 85.0 | 29.4 | 1949. | 51.0 | 10.5 | 27.0 | -2.8 |
| 31 | 62.9 | 17.2 | 73.7 | 23.2 | 87.0 | 30.6 | 1961. | 52.1 | 11.2 | 36.0 | 1.7 |
| MONTH | 66.3 | 19.1 | 77.0 | 25.0 | 94.0 | 34.4 | 1986. | 55.6 | 13.1 | 27.0 | -2.8 |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.7 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

J13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV

| DAY | MEAN TEMPERATURE | | MAXIMUM TEMPERATURE | | MINIMUM TEMPERATURE | | EXTREME | | DATE | EXTREME | | DATE |
|-------|------------------|-------|---------------------|-------|---------------------|-------|---------|-------|--------|---------|-------|--------|
| | DEG F | DEG C | AVERAGE | DEG C | DEG F | DEG C | DEG F | DEG C | | DEG F | DEG C | |
| 1 | 64.0 | 17.8 | 75.0 | 23.9 | 86.0 | 31.1 | 53.0 | 11.7 | 1961. | 32.0 | .0 | 1954. |
| 2 | 63.7 | 17.6 | 75.2 | 24.0 | 87.0 | 30.6 | 52.3 | 11.3 | 1961. | 34.0 | 1.1 | 1965.* |
| 3 | 62.3 | 16.9 | 73.5 | 23.1 | 87.0 | 30.6 | 51.1 | 10.6 | 1972. | 27.0 | -2.8 | 1954. |
| 4 | 59.7 | 15.4 | 71.3 | 21.8 | 86.0 | 30.0 | 48.2 | 9.0 | 1972. | 27.0 | -2.8 | 1966. |
| 5 | 58.4 | 14.6 | 69.3 | 20.7 | 84.0 | 28.9 | 47.4 | 8.6 | 1961. | 30.0 | -1.1 | 1966. |
| 6 | 57.6 | 14.2 | 69.0 | 20.6 | 82.0 | 27.8 | 46.1 | 7.8 | 1975.* | 28.0 | -2.2 | 1976. |
| 7 | 57.1 | 13.9 | 70.1 | 21.2 | 84.0 | 28.9 | 44.1 | 6.7 | 1986. | 29.0 | -1.7 | 1960. |
| 8 | 56.6 | 13.7 | 69.0 | 20.5 | 85.0 | 29.4 | 44.3 | 6.8 | 1986. | 24.0 | -4.4 | 1967. |
| 9 | 58.0 | 14.5 | 70.4 | 21.3 | 84.0 | 28.9 | 45.7 | 7.6 | 1986. | 24.0 | -4.4 | 1967. |
| 10 | 59.2 | 15.1 | 70.9 | 21.6 | 83.0 | 28.3 | 47.5 | 8.6 | 1979.* | 31.0 | -6 | 1967.* |
| 11 | 58.0 | 14.4 | 69.2 | 20.7 | 86.0 | 30.0 | 46.7 | 8.1 | 1946. | 31.0 | -6 | 1968. |
| 12 | 57.3 | 14.1 | 68.7 | 20.4 | 81.0 | 27.2 | 45.9 | 7.7 | 1966. | 31.0 | -6 | 1977. |
| 13 | 56.4 | 13.6 | 68.6 | 20.3 | 81.0 | 27.2 | 44.2 | 6.8 | 1972.* | 30.0 | -1.1 | 1977.* |
| 14 | 56.4 | 13.6 | 68.2 | 20.1 | 82.0 | 27.8 | 44.6 | 7.0 | 1978. | 27.0 | -2.8 | 1981.* |
| 15 | 57.0 | 13.9 | 68.1 | 20.6 | 83.0 | 28.3 | 44.8 | 7.1 | 1978.* | 27.0 | -2.8 | 1969. |
| 16 | 58.6 | 14.8 | 70.7 | 21.5 | 85.0 | 29.4 | 46.4 | 8.0 | 1958. | 27.0 | -2.8 | 1969. |
| 17 | 58.8 | 14.9 | 70.9 | 21.6 | 84.0 | 28.9 | 46.7 | 8.2 | 1964. | 29.0 | -1.7 | 1967. |
| 18 | 58.0 | 14.5 | 69.9 | 21.1 | 86.0 | 30.0 | 46.2 | 7.9 | 1978. | 29.0 | -1.7 | 1965.* |
| 19 | 57.8 | 14.4 | 69.3 | 20.7 | 82.0 | 27.8 | 46.3 | 8.0 | 1958. | 27.0 | -2.8 | 1949. |
| 20 | 55.5 | 13.0 | 66.3 | 19.0 | 81.0 | 27.2 | 44.6 | 7.0 | 1985. | 25.0 | -3.9 | 1951. |
| 21 | 55.1 | 12.9 | 66.6 | 19.2 | 83.0 | 28.3 | 43.7 | 6.5 | 1973. | 24.0 | -4.4 | 1951. |
| 22 | 54.0 | 12.2 | 66.5 | 19.1 | 80.0 | 26.7 | 41.5 | 5.3 | 1973.* | 26.0 | -3.3 | 1961. |
| 23 | 54.5 | 12.5 | 66.4 | 19.1 | 80.0 | 26.7 | 42.6 | 5.9 | 1979. | 25.0 | -3.9 | 1976. |
| 24 | 56.5 | 13.6 | 68.2 | 20.1 | 82.0 | 27.8 | 44.8 | 7.1 | 1986.* | 21.0 | -6.1 | 1970. |
| 25 | 53.8 | 12.1 | 65.5 | 18.6 | 82.0 | 27.8 | 42.2 | 5.6 | 1973. | 15.0 | -9.4 | 1950. |
| 26 | 53.5 | 11.9 | 66.0 | 18.9 | 82.0 | 27.8 | 41.0 | 5.0 | 1973.* | 19.0 | -7.2 | 1950. |
| 27 | 57.5 | 14.2 | 69.2 | 20.7 | 80.0 | 30.0 | 45.7 | 7.6 | 1973. | 27.0 | -2.8 | 1977. |
| 28 | 56.5 | 13.6 | 67.0 | 19.4 | 80.0 | 26.7 | 46.0 | 7.8 | 1985. | 25.0 | -3.9 | 1956. |
| 29 | 53.5 | 11.9 | 64.5 | 18.1 | 82.0 | 27.8 | 42.4 | 5.8 | 1985. | 25.0 | -3.9 | 1950. |
| 30 | 50.2 | 10.1 | 61.2 | 16.2 | 83.0 | 28.3 | 39.1 | 3.9 | 1985. | 22.0 | -5.6 | 1959. |
| MONTH | 57.2 | 14.0 | 66.9 | 20.5 | 85.0 | 31.1 | 45.5 | 7.5 | 1961. | 15.0 | -9.4 | 1950. |

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = C.O

U 1388G CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC

| MEAN TEMPERATURE | | | | MAXIMUM TEMPERATURE | | | | MINIMUM TEMPERATURE | | | | | |
|------------------|---------|-------|------|---------------------|-------|--------|---------|---------------------|------|---------|------|-------|--------|
| DAY | AVERAGE | | DATE | EXTREME | | DATE | EXTREME | | DATE | EXTREME | | | |
| | DEG F | DEG C | | DEG F | DEG C | | DEG F | DEG C | | | | | |
| 1 | 49.2 | 9.5 | | 61.0 | 16.1 | 1982. | 81.0 | 27.2 | 37.4 | 3.0 | 23.0 | -5.0 | 1955. |
| 2 | 51.2 | 10.7 | | 63.6 | 17.6 | 1982. | 79.0 | 26.1 | 38.8 | 3.8 | 23.0 | -5.0 | 1964. |
| 3 | 51.9 | 11.0 | | 64.2 | 17.9 | 1982. | 79.0 | 26.1 | 39.5 | 4.2 | 17.0 | -8.3 | 1960. |
| 4 | 52.9 | 11.6 | | 64.8 | 18.2 | 1982. | 80.0 | 26.7 | 40.9 | 4.9 | 21.0 | -6.1 | 1960. |
| 5 | 52.5 | 11.4 | | 64.6 | 18.1 | 1982.+ | 76.0 | 24.4 | 40.4 | 4.7 | 22.0 | -5.6 | 1969. |
| 6 | 52.1 | 11.2 | | 64.9 | 18.3 | 1951. | 76.0 | 24.4 | 39.4 | 4.1 | 27.0 | -2.8 | 1949. |
| 7 | 51.0 | 10.5 | | 63.0 | 17.2 | 1978.+ | 81.0 | 27.2 | 38.9 | 3.6 | 23.0 | -5.0 | 1984. |
| 8 | 52.1 | 11.1 | | 63.4 | 17.4 | 1978. | 82.0 | 27.8 | 40.7 | 4.9 | 20.0 | -6.7 | 1954. |
| 9 | 52.2 | 11.2 | | 63.5 | 17.5 | 1951. | 81.0 | 27.2 | 40.9 | 5.0 | 22.0 | -5.6 | 1968. |
| 10 | 51.3 | 10.7 | | 62.0 | 16.7 | 1972. | 82.0 | 27.8 | 40.6 | 4.8 | 23.0 | -5.0 | 1981.+ |
| 11 | 50.5 | 10.3 | | 61.2 | 16.2 | 1972. | 83.0 | 28.3 | 39.9 | 4.4 | 18.0 | -7.8 | 1981. |
| 12 | 51.5 | 10.9 | | 62.2 | 16.8 | 1971. | 79.0 | 26.1 | 40.9 | 4.9 | 14.0 | -10.0 | 1962. |
| 13 | 51.2 | 10.7 | | 61.5 | 16.4 | 1971.+ | 85.0 | 26.7 | 40.8 | 4.9 | 8.0 | -13.3 | 1962. |
| 14 | 50.1 | 10.1 | | 61.2 | 16.2 | 1972.+ | 78.0 | 25.6 | 39.0 | 3.9 | 17.0 | -8.3 | 1960. |
| 15 | 49.4 | 9.7 | | 59.7 | 15.4 | 1971. | 85.0 | 26.7 | 39.1 | 3.9 | 15.0 | -9.4 | 1962. |
| 16 | 48.7 | 9.3 | | 59.4 | 15.2 | 1971. | 81.0 | 27.2 | 38.7 | 3.9 | 19.0 | -7.2 | 1955. |
| 17 | 48.1 | 8.9 | | 60.0 | 15.5 | 1971. | 78.0 | 25.6 | 36.2 | 2.3 | 18.0 | -7.8 | 1955. |
| 18 | 48.1 | 8.9 | | 59.6 | 15.3 | 1984.+ | 77.0 | 25.0 | 36.6 | 2.6 | 20.0 | -6.7 | 1972.+ |
| 19 | 47.8 | 8.8 | | 59.6 | 15.4 | 1967. | 82.0 | 27.8 | 36.0 | 2.2 | 16.0 | -8.9 | 1953. |
| 20 | 49.2 | 9.6 | | 60.3 | 15.7 | 1967. | 81.0 | 27.2 | 38.1 | 3.4 | 14.0 | -10.0 | 1961. |
| 21 | 47.7 | 9.7 | | 57.8 | 14.4 | 1984.+ | 70.0 | 24.4 | 37.5 | 3.1 | 15.0 | -9.4 | 1981. |
| 22 | 47.6 | 8.7 | | 59.3 | 15.2 | 1967. | 77.0 | 25.0 | 35.8 | 2.1 | 20.0 | -6.7 | 1976. |
| 23 | 50.0 | 10.0 | | 61.9 | 16.6 | 1970. | 79.0 | 26.1 | 38.0 | 3.4 | 22.0 | -5.6 | 1960. |
| 24 | 50.8 | 10.5 | | 61.7 | 16.5 | 1982. | 75.0 | 23.9 | 40.0 | 4.5 | 18.0 | -7.8 | 1963. |
| 25 | 48.7 | 9.3 | | 59.0 | 15.0 | 1984. | 77.0 | 25.0 | 38.5 | 3.6 | 11.0 | -11.7 | 1983. |
| 26 | 47.7 | 8.7 | | 56.6 | 14.8 | 1982.+ | 77.0 | 25.0 | 36.9 | 2.7 | 11.0 | -11.7 | 1983. |
| 27 | 48.3 | 9.1 | | 59.9 | 15.5 | 1971. | 79.0 | 25.6 | 36.7 | 2.6 | 22.0 | -5.6 | 1983. |
| 28 | 51.0 | 10.6 | | 61.4 | 16.3 | 1971. | 79.0 | 26.1 | 40.7 | 4.8 | 26.0 | -3.3 | 1977. |
| 29 | 50.5 | 10.3 | | 61.0 | 16.1 | 1984. | 79.0 | 26.1 | 40.0 | 4.5 | 22.0 | -5.6 | 1977. |
| 30 | 50.7 | 10.4 | | 61.0 | 16.1 | 1984. | 79.0 | 26.1 | 40.4 | 4.6 | 23.0 | -5.0 | 1961. |
| 31 | 51.1 | 10.6 | | 61.3 | 16.3 | 1984. | 78.0 | 25.6 | 40.9 | 4.9 | 21.0 | -6.1 | 1983.+ |
| MONTH | 50.2 | 10.1 | | 61.4 | 16.3 | 1972. | 83.0 | 28.3 | 39.0 | | 8.0 | -13.3 | 1962. |

NOTES :
T = TRACE AMOUNTS (<.01, OP <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEP

70 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|-----|------|------|-----|------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | 93 | 95 | 96 | 89 | 83 | 68 | MISS |
| 1946 | 77 | 75 | 83 | 93 | 89 | 97 | 95 | 96 | 92 | 86 | 86 | 80 | 97 |
| 1947 | 62 | 76 | 74 | 90 | 92 | 99 | PART | 96 | 96 | PART | 75 | 78 | PART |
| 1948 | 76 | 79 | 86 | 88 | 91 | 99 | 97 | 96 | 92 | 82 | 82 | 80 | 99 |
| 1949 | 82 | 80 | 85 | PART | 93 | 95 | 101 | 93 | 92 | 87 | 78 | 78 | PART |
| 1950 | 83 | 81 | 83 | 88 | 91 | 99 | 94 | 94 | 90 | 87 | 85 | 76 | 99 |
| 1951 | 75 | 83 | 85 | 86 | 95 | 95 | 96 | 96 | 91 | 92 | 80 | 81 | 98 |
| 1952 | 80 | 77 | 82 | 84 | 95 | 101 | 100 | 97 | 93 | 89 | 80 | 76 | 101 |
| 1953 | 76 | 76 | 83 | 86 | 98 | 98 | 97 | 96 | 90 | 84 | 80 | 74 | 98 |
| 1954 | 80 | 77 | 88 | 89 | 88 | 101 | 99 | 102 | 93 | 94 | 76 | 76 | 102 |
| 1955 | 78 | 79 | 88 | 87 | 96 | 93 | 93 | 95 | PART | 85 | 83 | 78 | PART |
| 1956 | 73 | 83 | 83 | 84 | 96 | 95 | 95 | 97 | 94 | 86 | 80 | 80 | 97 |
| 1957 | 81 | 83 | 80 | 85 | 89 | 92 | 97 | 98 | 95 | 80 | 79 | 74 | 98 |
| 1958 | 63 | 75 | 75 | 92 | 87 | 95 | 96 | 95 | 92 | 89 | 85 | PART | MISS |
| 1959 | 75 | 81 | 78 | 87 | 93 | 99 | 92 | 91 | 90 | 88 | 81 | 72 | 99 |
| 1960 | 78 | 72 | 79 | 88 | 96 | 95 | 97 | 94 | 91 | 87 | 82 | 75 | 97 |
| 1961 | 70 | 79 | 86 | 88 | 88 | 94 | 95 | 94 | 94 | 87 | 88 | 78 | 95 |
| 1962 | 78 | 86 | 77 | 87 | 97 | 92 | 95 | 93 | 92 | 90 | 80 | 75 | 97 |
| 1963 | 73 | 75 | 90 | 92 | 96 | 98 | 95 | 98 | 95 | 86 | 80 | 69 | 98 |
| 1964 | 74 | 67 | 81 | 89 | 97 | 96 | 93 | 97 | 90 | 86 | 84 | 77 | 97 |
| 1965 | 78 | 80 | 81 | 89 | 94 | 94 | 92 | 94 | 91 | 86 | 79 | 75 | 94 |
| 1966 | 76 | 78 | 82 | 85 | 88 | 91 | 94 | 97 | 93 | 88 | 83 | 79 | 97 |
| 1967 | 78 | 77 | 89 | 92 | 97 | 93 | 95 | 97 | 93 | 87 | 79 | 82 | 97 |
| 1968 | 75 | 72 | 87 | 93 | 93 | 97 | 97 | 99 | 91 | 89 | 79 | 74 | 99 |
| 1969 | 73 | 74 | 76 | 84 | 90 | 94 | 98 | 92 | 88 | 86 | 78 | 70 | 98 |
| 1970 | 76 | 74 | 81 | 92 | 94 | 100 | 100 | 95 | 93 | 85 | 79 | 79 | 100 |
| 1971 | 77 | 80 | 78 | 90 | 92 | 97 | 94 | 93 | 91 | 89 | 86 | 81 | 97 |
| 1972 | 79 | 78 | 80 | 91 | 87 | 91 | 97 | 97 | 96 | 91 | 87 | 83 | 97 |
| 1973 | 75 | 75 | 89 | 82 | 94 | 97 | 96 | 94 | 95 | 89 | 86 | 76 | 97 |
| 1974 | 80 | 79 | 90 | 89 | 96 | 97 | 97 | 92 | 90 | 83 | 84 | 74 | 97 |
| 1975 | 81 | 79 | 81 | 88 | 96 | 94 | 92 | 95 | 92 | 86 | 82 | 76 | 96 |
| 1976 | 75 | 79 | 86 | 90 | 87 | 93 | 95 | 92 | 88 | 86 | 76 | 73 | 95 |
| 1977 | 65 | 79 | 85 | 87 | 93 | 99 | 101 | 97 | 92 | 91 | 83 | 75 | 101 |
| 1978 | 74 | 71 | 84 | 90 | 91 | 99 | 95 | 95 | 92 | 87 | 86 | 82 | 99 |
| 1979 | 76 | 76 | 79 | 82 | 89 | 97 | 97 | 98 | 91 | 86 | 83 | 77 | 98 |
| 1980 | 70 | 81 | 77 | 91 | 90 | 97 | 100 | 99 | 97 | 88 | 80 | 78 | 100 |
| 1981 | 70 | 78 | 85 | 93 | 94 | 101 | 99 | 95 | 91 | 91 | 80 | 75 | 101 |
| 1982 | 75 | 80 | 88 | 83 | 91 | 96 | 96 | 95 | 91 | 83 | 80 | 81 | 96 |
| 1983 | 67 | 74 | 75 | 83 | 89 | 96 | 100 | 100 | 95 | 88 | 76 | 78 | 100 |
| 1984 | 69 | 76 | 84 | 88 | 89 | 99 | 94 | 95 | 93 | 85 | 80 | 79 | 99 |
| 1985 | 77 | 78 | 87 | 93 | 93 | 100 | 96 | 93 | 94 | 89 | 83 | 76 | 100 |
| 1986 | 73 | 79 | 85 | 92 | 96 | 99 | 104 | 95 | 94 | 94 | 85 | 77 | 104 |

MEAN 75.4 77.6 82.8 88.2 92.4 96.4 96.2 95.5 92.3 87.4 81.5 76.7 98.2
S.D. 4.517 3.633 4.394 3.262 2.294 2.811 2.854 2.358 2.302 2.913 3.232 3.437 2.057
TOT OBS 41 41 41 40 41 41 41 42 41 41 42 41 37

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL MAX TEMP # DAYS |
|------|-----|-----|-----|-----------|-----|-----|-----------|-----|-----------|-----------|-----|-----------|------------------------------|
| 1947 | | | | | | | 94. 30 | | | 86. 29 | | | |
| 1949 | | | | 68. 29 | | | | | | | | | MAX TEMP # DAYS |
| 1955 | | | | | | | | | 85. 29 | | | | MAX TEMP # DAYS |
| 1958 | | | | | | | | | | | | 74. 30 | MAX TEMP # DAYS |

31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F) (FROM DAILY OBS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|-----|------|------|-----|------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | 68 | 61 | 64 | 43 | 25 | 20 | MISS |
| 1946 | 22 | 28 | 35 | 39 | 52 | 53 | 59 | 63 | 57 | 43 | 33 | 28 | 22 |
| 1947 | 26 | 19 | 24 | 44 | 41 | 56 | PART | 66 | 50 | PART | 30 | 24 | MISS |
| 1948 | 17 | 25 | 31 | 42 | 50 | 57 | 65 | 59 | 57 | 37 | 38 | 24 | 17 |
| 1949 | 27 | 34 | 28 | PART | 50 | 59 | 67 | 68 | 53 | 46 | 26 | 27 | MISS |
| 1950 | 30 | 28 | 27 | 33 | 55 | 57 | 67 | 61 | 50 | 43 | 15 | 22 | 15 |
| 1951 | 21 | 19 | 32 | 37 | 46 | 58 | 60 | 62 | 57 | 44 | 24 | 23 | 19 |
| 1952 | 18 | 26 | 32 | 38 | 46 | 63 | 58 | 60 | 55 | 27 | 29 | 22 | 18 |
| 1953 | 27 | 30 | 35 | 34 | 54 | 56 | 63 | 61 | 56 | 39 | 30 | 16 | 16 |
| 1954 | 24 | 25 | 23 | 43 | 45 | 56 | 63 | 62 | 57 | 38 | 27 | 20 | 20 |
| 1955 | 25 | 21 | 26 | 38 | 52 | 54 | 66 | 64 | PART | 36 | 24 | 18 | MISS |
| 1956 | 24 | 32 | 27 | 38 | 48 | 57 | 67 | 64 | 49 | 47 | 25 | 29 | 24 |
| 1957 | 17 | 27 | 30 | 35 | 45 | 64 | 64 | 61 | 52 | 32 | 33 | 15 | 15 |
| 1958 | 19 | 14 | 31 | 40 | 46 | 59 | 67 | 65 | 52 | 39 | 32 | PART | MISS |
| 1959 | 17 | 23 | 31 | 40 | 51 | 55 | 67 | 65 | 56 | 43 | 22 | 25 | 17 |
| 1960 | 20 | 25 | 21 | 30 | 48 | 52 | 65 | 63 | 58 | 36 | 27 | 17 | 17 |
| 1961 | 18 | 25 | 34 | 37 | 45 | 54 | 65 | 62 | 55 | 35 | 25 | 21 | 18 |
| 1962 | 16 | 26 | 27 | 32 | 50 | 62 | 66 | 62 | 50 | 33 | 31 | 8 | 8 |
| 1963 | 16 | 23 | 34 | 39 | 36 | 62 | 62 | 63 | 54 | 37 | 29 | 20 | 16 |
| 1964 | 18 | 26 | 27 | 39 | 52 | 61 | 60 | 64 | 53 | 35 | 32 | 23 | 18 |
| 1965 | 21 | 24 | 28 | 43 | 52 | 59 | 64 | 65 | 62 | 34 | 29 | 21 | 21 |
| 1966 | 11 | 19 | 28 | 35 | 47 | 51 | 60 | 61 | 54 | 42 | 27 | 24 | 11 |
| 1967 | 25 | 14 | 27 | 36 | 43 | 54 | 63 | 62 | 42 | 31 | 24 | 25 | 14 |
| 1968 | 20 | 18 | 26 | 36 | 49 | 58 | 71 | 61 | 57 | 37 | 26 | 22 | 18 |
| 1969 | 20 | 25 | 27 | 37 | 44 | 65 | 69 | 64 | 56 | 43 | 27 | 22 | 20 |
| 1970 | 11 | 22 | 30 | 37 | 48 | 58 | 65 | 69 | 46 | 37 | 16 | 24 | 11 |
| 1971 | 22 | 22 | 27 | 33 | 43 | 58 | 64 | 68 | 60 | 44 | 28 | 26 | 22 |
| 1972 | 17 | 22 | 28 | 30 | 50 | 50 | 59 | 67 | 57 | 37 | 24 | 20 | 17 |
| 1973 | 21 | 12 | 33 | 35 | 44 | 63 | 68 | 66 | 65 | 41 | 32 | 21 | 12 |
| 1974 | 34 | 23 | 32 | 34 | 53 | 57 | 60 | 67 | 54 | 33 | 27 | 26 | 23 |
| 1975 | 26 | 29 | 25 | 34 | 54 | 62 | 62 | 69 | 61 | 40 | 29 | 21 | 21 |
| 1976 | 16 | 26 | 32 | 35 | 43 | 55 | 67 | 63 | 52 | 27 | 25 | 20 | 16 |
| 1977 | 17 | 17 | 32 | 38 | 42 | 56 | 67 | 69 | 59 | 37 | 27 | 22 | 17 |
| 1978 | 19 | 19 | 23 | 38 | 46 | 57 | 67 | 66 | 55 | 38 | 36 | 24 | 19 |
| 1979 | 20 | 20 | 32 | 40 | 50 | 57 | 65 | 56 | 63 | 38 | 25 | 23 | 20 |
| 1980 | 24 | 17 | 15 | 38 | 44 | 59 | 69 | 64 | 64 | 39 | 29 | 24 | 15 |
| 1981 | 13 | 24 | 29 | 41 | 42 | 60 | 67 | 67 | 51 | 34 | 26 | 14 | 13 |
| 1982 | 10 | 29 | 29 | 32 | 48 | 63 | 66 | 65 | 54 | 43 | 36 | 29 | 10 |
| 1983 | 23 | 30 | 33 | 31 | 51 | 58 | 68 | 65 | 50 | 40 | 34 | 11 | 11 |
| 1984 | 21 | 25 | 29 | 43 | 49 | 54 | 68 | 64 | 53 | 47 | 30 | 23 | 21 |
| 1985 | 6 | 20 | 33 | 40 | 49 | 64 | 68 | 66 | 52 | 49 | 43 | 18 | 6 |
| 1986 | 12 | 27 | 27 | 38 | 48 | 65 | 71 | 57 | 62 | 40 | 32 | 32 | 12 |

MEAN 19.8 23.4 28.8 37.0 47.6 58.0 64.0 63.7 55.2 38.6 28.3 21.8 16.5
S.D. 5.615 4.945 4.071 3.630 4.111 3.834 3.277 3.061 4.972 5.040 5.182 4.697 4.286
TOT OBS 41 41 41 40 41 41 41 42 41 41 42 41 37

71 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL MIN TEMP # DAYS |
|------|-----|-----|-----|-----------|-----|-----|-----------|-----|-----------|-----------|-----|-----------|------------------------------|
| 1947 | | | | | | | 59. 30 | | | 47. 29 | | | |
| 1949 | | | | 35. 29 | | | | | | | | | MIN TEMP # DAYS |
| 1955 | | | | | | | | | 62. 29 | | | | MIN TEMP # DAYS |
| 1958 | | | | | | | | | | | | 19. 30 | MIN TEMP # DAYS |

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|------|-----|------|-----|------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | 0 | 0 | 0 | 64 | 237 | 626 | MISS |
| 1946 | 443 | 333 | 125 | 79 | 1 | 0 | 0 | 0 | 0 | 42 | 129 | 376 | 1528 |
| 1947 | 289 | 582 | 486 | 31 | 17 | 0 | MISS | 0 | 9 | MISS | 315 | 466 | MISS |
| 1948 | 667 | 421 | 204 | 36 | 1 | 0 | 0 | 0 | 1 | 128 | 114 | 340 | 1912 |
| 1949 | 215 | 204 | 277 | MISS | 3 | 0 | 0 | 0 | 1 | 8 | 316 | 382 | MISS |
| 1950 | 160 | 279 | 326 | 156 | 1 | 0 | 0 | 0 | 0 | 17 | 377 | 619 | 1943 |
| 1951 | 485 | 409 | 264 | 105 | 6 | 0 | 0 | 0 | 0 | 30 | 367 | 338 | 2004 |
| 1952 | 309 | 374 | 238 | 103 | 10 | 0 | 0 | 0 | 0 | 149 | 253 | 523 | 1959 |
| 1953 | 362 | 338 | 180 | 105 | 0 | 0 | 0 | 0 | 0 | 65 | 318 | 444 | 1832 |
| 1954 | 420 | 292 | 311 | 43 | 23 | 0 | 0 | 0 | 0 | 176 | 319 | 521 | 2035 |
| 1955 | 531 | 359 | 197 | 52 | 0 | 1 | 0 | MISS | 0 | 104 | 323 | 549 | MISS |
| 1956 | 610 | 226 | 275 | 117 | 6 | 0 | 0 | 0 | 12 | 38 | 347 | 260 | 1891 |
| 1957 | 465 | 245 | 307 | 90 | 29 | 0 | 0 | 0 | 5 | 130 | 224 | 453 | 1948 |
| 1958 | 674 | 609 | 387 | 91 | 15 | 0 | 0 | 0 | 0 | 113 | 183 | MISS | MISS |
| 1959 | 574 | 330 | 314 | 100 | 3 | 0 | 0 | 0 | 0 | 38 | 279 | 465 | 2103 |
| 1960 | 483 | 459 | 582 | 65 | 12 | 0 | 0 | 0 | 0 | 62 | 216 | 651 | 2530 |
| 1961 | 635 | 347 | 155 | 181 | 11 | 2 | 0 | 0 | 3 | 92 | 251 | 443 | 2120 |
| 1962 | 553 | 263 | 363 | 160 | 0 | 0 | 0 | 0 | 8 | 95 | 339 | 597 | 2378 |
| 1963 | 604 | 545 | 172 | 69 | 29 | 0 | 0 | 0 | 2 | 33 | 233 | 650 | 2337 |
| 1964 | 504 | 477 | 240 | 61 | 4 | 0 | 0 | 0 | 0 | 135 | 153 | 385 | 1959 |
| 1965 | 507 | 392 | 340 | 95 | 0 | 0 | 0 | 0 | 0 | 95 | 225 | 481 | 2135 |
| 1966 | 644 | 427 | 338 | 119 | 15 | 2 | 0 | 0 | 0 | 51 | 280 | 498 | 2374 |
| 1967 | 442 | 460 | 194 | 50 | 29 | 4 | 0 | 0 | 15 | 112 | 334 | 367 | 2007 |
| 1968 | 657 | 648 | 307 | 67 | 4 | 0 | 0 | 0 | 0 | 80 | 334 | 564 | 2661 |
| 1969 | 624 | 551 | 444 | 90 | 6 | 0 | 0 | 0 | 1 | 50 | 349 | 567 | 2682 |
| 1970 | 735 | 454 | 249 | 82 | 9 | 0 | 0 | 0 | 11 | 42 | 324 | 392 | 2298 |
| 1971 | 465 | 424 | 404 | 127 | 16 | 0 | 0 | 0 | 0 | 13 | 261 | 220 | 1930 |
| 1972 | 317 | 459 | 249 | 113 | 8 | 0 | 0 | 0 | 0 | 33 | 268 | 302 | 1749 |
| 1973 | 520 | 524 | 167 | 141 | 18 | 0 | 0 | 0 | 0 | 34 | 158 | 428 | 1990 |
| 1974 | 131 | 378 | 150 | 114 | 2 | 0 | 0 | 0 | 5 | 136 | 299 | 432 | 1647 |
| 1975 | 350 | 294 | 273 | 152 | 0 | 0 | 0 | 0 | 0 | 40 | 221 | 466 | 1796 |
| 1976 | 624 | 260 | 146 | 94 | 15 | 3 | 0 | 0 | 0 | 159 | 418 | 501 | 2220 |
| 1977 | 808 | 516 | 186 | 58 | 17 | 0 | 0 | 0 | 0 | 112 | 175 | 459 | 2331 |
| 1978 | 663 | 616 | 309 | 52 | 18 | 0 | 0 | 0 | 0 | 57 | 83 | 399 | 2197 |
| 1979 | 602 | 505 | 241 | 70 | 2 | 0 | 0 | 0 | 0 | 68 | 203 | 500 | 2191 |
| 1980 | 495 | 542 | 321 | 82 | 17 | 0 | 0 | 0 | 0 | 80 | 287 | 537 | 2361 |
| 1981 | 719 | 393 | 333 | 55 | 16 | 0 | 0 | 0 | 3 | 88 | 291 | 577 | 2475 |
| 1982 | 611 | 372 | 214 | 132 | 3 | 0 | 0 | 0 | 0 | 102 | 154 | 276 | 1864 |
| 1983 | 596 | 440 | 264 | 146 | 2 | 0 | 0 | 0 | 4 | 24 | 230 | 500 | 2206 |
| 1984 | 578 | 323 | 240 | 92 | 16 | 0 | 0 | 0 | 9 | 13 | 337 | 249 | 1857 |
| 1985 | 692 | 418 | 183 | 47 | 4 | 0 | 0 | 0 | 2 | 16 | 54 | 526 | 1942 |
| 1986 | 586 | 261 | 244 | 74 | 4 | 0 | 0 | 6 | 0 | 56 | 128 | 376 | 1735 |

73 - YEAR/MONTH VALUES

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)013880 CHARLESTON, SC
PERIOD OF RECORD: 1945-1986LAT.: 32 54N LONG.: 80 02W ELEV.: 46 FT
PAGE: 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|------|------|------|------|-----|------|------|-----|------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | 461 | 455 | 431 | 80 | 34 | 0 | MISS |
| 1946 | 7 | 1 | 47 | 84 | 217 | 366 | 457 | 436 | 304 | 120 | 55 | 7 | 2101 |
| 1947 | 10 | 0 | 0 | 116 | 253 | 359 | MISS | 453 | 352 | MISS | 2 | 3 | MISS |
| 1948 | 0 | 4 | 49 | 90 | 238 | 428 | 494 | 422 | 277 | 29 | 59 | 9 | 2099 |
| 1949 | 19 | 25 | 62 | MISS | 214 | 382 | 493 | 479 | 277 | 178 | 1 | 1 | MISS |
| 1950 | 31 | 19 | 23 | 88 | 254 | 441 | 445 | 424 | 295 | 123 | 25 | 0 | 2168 |
| 1951 | 0 | 6 | 33 | 38 | 166 | 395 | 482 | 466 | 305 | 171 | 27 | 13 | 2102 |
| 1952 | 13 | 0 | 18 | 40 | 289 | 516 | 509 | 486 | 294 | 58 | 2 | 0 | 2225 |
| 1953 | 0 | 0 | 37 | 63 | 381 | 384 | 471 | 428 | 312 | 104 | 13 | 3 | 2196 |
| 1954 | 9 | 1 | 44 | 117 | 121 | 429 | 509 | 544 | 380 | 156 | 13 | 4 | 2327 |
| 1955 | 0 | 5 | 62 | 112 | 280 | 307 | 477 | 465 | MISS | 85 | 18 | 1 | MISS |
| 1956 | 0 | 14 | 28 | 70 | 261 | 364 | 470 | 449 | 226 | 73 | 18 | 20 | 1993 |
| 1957 | 9 | 12 | 10 | 72 | 239 | 379 | 439 | 434 | 341 | 39 | 25 | 0 | 1999 |
| 1958 | 0 | 0 | 0 | 76 | 209 | 359 | 509 | 468 | 337 | 43 | 33 | MISS | MISS |
| 1959 | 0 | 13 | 5 | 85 | 260 | 334 | 408 | 419 | 268 | 168 | 29 | 0 | 1989 |
| 1960 | 0 | 0 | 6 | 95 | 245 | 382 | 472 | 474 | 334 | 155 | 9 | 0 | 2178 |
| 1961 | 0 | 3 | 48 | 33 | 156 | 360 | 492 | 441 | 363 | 59 | 82 | 16 | 2053 |
| 1962 | 4 | 23 | 4 | 78 | 347 | 348 | 496 | 444 | 283 | 149 | 2 | 0 | 2178 |
| 1963 | 0 | 0 | 51 | 101 | 237 | 432 | 469 | 497 | 270 | 110 | 7 | 0 | 2174 |
| 1964 | 1 | 0 | 17 | 101 | 261 | 458 | 410 | 461 | 322 | 65 | 26 | 14 | 2136 |
| 1965 | 0 | 12 | 19 | 88 | 327 | 341 | 443 | 459 | 233 | 109 | 8 | 0 | 2139 |
| 1966 | 0 | 3 | 2 | 72 | 194 | 271 | 462 | 474 | 332 | 132 | 28 | 6 | 1976 |
| 1967 | 0 | 3 | 46 | 122 | 234 | 326 | 469 | 456 | 168 | 47 | 5 | 16 | 1894 |
| 1968 | 0 | 0 | 24 | 96 | 222 | 389 | 520 | 518 | 310 | 154 | 4 | 0 | 2237 |
| 1969 | 0 | 0 | 1 | 46 | 165 | 465 | 555 | 394 | 268 | 158 | 6 | 0 | 2058 |
| 1970 | 0 | 0 | 9 | 126 | 253 | 410 | 552 | 487 | 384 | 130 | 7 | 1 | 2355 |
| 1971 | 2 | 5 | 5 | 65 | 215 | 469 | 480 | 457 | 369 | 199 | 31 | 32 | 2329 |
| 1972 | 7 | 3 | 5 | 93 | 163 | 275 | 475 | 488 | 351 | 110 | 30 | 22 | 2022 |
| 1973 | 0 | 0 | 50 | 42 | 233 | 412 | 554 | 501 | 445 | 184 | 56 | 10 | 2488 |
| 1974 | 41 | 7 | 63 | 80 | 288 | 319 | 417 | 450 | 312 | 46 | 18 | 3 | 2044 |
| 1975 | 8 | 13 | 26 | 74 | 318 | 414 | 449 | 516 | 361 | 171 | 58 | 0 | 2408 |
| 1976 | 2 | 9 | 73 | 70 | 187 | 329 | 502 | 384 | 274 | 52 | 7 | 1 | 1885 |
| 1977 | 0 | 1 | 54 | 107 | 263 | 493 | 588 | 518 | 417 | 71 | 71 | 1 | 2584 |
| 1978 | 0 | 0 | 13 | 106 | 242 | 414 | 505 | 514 | 378 | 86 | 40 | 21 | 2319 |
| 1979 | 0 | 2 | 9 | 71 | 241 | 335 | 533 | 514 | 354 | 105 | 40 | 0 | 2204 |
| 1980 | 0 | 9 | 7 | 69 | 221 | 407 | 549 | 529 | 451 | 87 | 5 | 1 | 2345 |
| 1981 | 0 | 0 | 9 | 138 | 199 | 539 | 582 | 481 | 307 | 66 | 9 | 0 | 2330 |
| 1982 | 0 | 2 | 42 | 42 | 232 | 420 | 510 | 475 | 293 | 111 | 36 | 34 | 2197 |
| 1983 | 0 | 0 | 6 | 32 | 217 | 362 | 550 | 567 | 322 | 149 | 10 | 4 | 2228 |
| 1984 | 0 | 1 | 19 | 67 | 228 | 420 | 471 | 509 | 254 | 212 | 21 | 10 | 2212 |
| 1985 | 7 | 17 | 57 | 136 | 276 | 445 | 501 | 470 | 332 | 245 | 129 | 5 | 2620 |
| 1986 | 0 | 2 | 36 | 114 | 300 | 499 | 662 | 474 | 414 | 182 | 78 | 5 | 2766 |

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)G1388D CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|------|-------|------|------|-------|------|-------|-------|------|-------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | 79.8 | 79.6 | 79.3 | 65.5 | 58.2 | 44.8 | MISS |
| 1946 | 50.9 | 53.1 | 62.4 | 65.1 | 71.9 | 77.1 | 79.7 | 79.0 | 75.1 | 67.5 | 62.5 | 53.0 | 66.4 |
| 1947 | 56.0 | 44.2 | 49.3 | 67.8 | 72.6 | 76.9 | 77.6P | 79.6 | 76.4 | 70.8P | 54.5 | 50.0 | MISS |
| 1948 | 43.4 | 50.1 | 60.0 | 66.7 | 72.6 | 79.2 | 80.9 | 78.6 | 74.1 | 61.8 | 63.1 | 54.3 | 65.4 |
| 1949 | 58.6 | 58.6 | 58.0 | 64.2P | 71.8 | 77.7 | 80.9 | 80.4 | 74.1 | 70.4 | 54.5 | 52.7 | MISS |
| 1950 | 60.8 | 55.7 | 55.2 | 62.7 | 73.1 | 79.6 | 79.3 | 78.6 | 74.5 | 68.4 | 53.2 | 45.0 | 65.5 |
| 1951 | 49.3 | 50.6 | 57.5 | 62.7 | 70.1 | 78.1 | 80.5 | 80.0 | 75.1 | 69.5 | 53.6 | 54.5 | 65.1 |
| 1952 | 55.4 | 51.6 | 57.9 | 62.8 | 74.0 | 82.1 | 81.4 | 80.6 | 74.7 | 62.0 | 56.6 | 48.1 | 65.6 |
| 1953 | 52.6 | 52.9 | 60.3 | 63.5 | 77.2 | 77.7 | 80.1 | 78.8 | 75.3 | 66.2 | 54.8 | 50.7 | 65.8 |
| 1954 | 51.7 | 54.6 | 56.3 | 67.4 | 68.1 | 79.2 | 81.4 | 82.5 | 77.6 | 66.6 | 54.7 | 48.3 | 65.7 |
| 1955 | 47.8 | 52.3 | 60.6 | 67.0 | 74.0 | 75.1 | 80.3 | 80.0 | 75.1P | 64.3 | 54.8 | 47.3 | MISS |
| 1956 | 45.2 | 57.4 | 57.4 | 63.4 | 73.2 | 77.1 | 80.1 | 79.4 | 72.1 | 66.1 | 54.0 | 57.2 | 65.2 |
| 1957 | 50.2 | 56.6 | 55.4 | 64.3 | 71.7 | 77.6 | 79.1 | 79.0 | 76.1 | 62.0 | 58.3 | 50.3 | 65.0 |
| 1958 | 43.2 | 43.2 | 52.5 | 64.5 | 71.2 | 76.9 | 81.4 | 80.0 | 76.2 | 62.7 | 60.0 | 46.7P | MISS |
| 1959 | 46.4 | 53.6 | 55.0 | 64.5 | 73.2 | 76.1 | 78.1 | 78.5 | 73.9 | 69.1 | 56.6 | 50.0 | 64.6 |
| 1960 | 49.4 | 48.6 | 46.4 | 66.0 | 72.5 | 77.7 | 80.4 | 80.2 | 76.1 | 68.0 | 58.0 | 44.0 | 63.9 |
| 1961 | 44.5 | 52.7 | 61.5 | 60.0 | 69.6 | 76.9 | 80.8 | 79.2 | 77.0 | 63.9 | 59.3 | 51.2 | 64.7 |
| 1962 | 47.2 | 56.4 | 53.4 | 62.2 | 76.1 | 76.5 | 81.0 | 79.3 | 74.1 | 66.7 | 53.7 | 45.7 | 64.4 |
| 1963 | 45.5 | 45.5 | 61.0 | 66.0 | 71.7 | 79.3 | 80.1 | 81.0 | 73.9 | 67.4 | 57.4 | 44.0 | 64.4 |
| 1964 | 48.7 | 47.9 | 57.8 | 66.3 | 73.2 | 80.2 | 78.2 | 79.8 | 75.7 | 62.7 | 60.7 | 53.0 | 65.3 |
| 1965 | 48.6 | 51.4 | 54.6 | 64.7 | 75.5 | 76.3 | 79.2 | 79.8 | 76.0 | 65.4 | 57.7 | 49.4 | 64.9 |
| 1966 | 44.2 | 49.8 | 54.1 | 63.4 | 70.7 | 73.9 | 79.9 | 80.2 | 76.0 | 67.6 | 56.5 | 49.1 | 63.8 |
| 1967 | 50.7 | 48.6 | 60.2 | 67.3 | 71.6 | 75.7 | 80.1 | 79.7 | 70.0 | 62.9 | 54.0 | 53.6 | 64.5 |
| 1968 | 43.8 | 41.8 | 55.8 | 65.9 | 72.0 | 77.9 | 81.7 | 81.7 | 75.3 | 67.3 | 54.0 | 46.8 | 63.7 |
| 1969 | 44.8 | 45.3 | 50.7 | 63.5 | 70.1 | 80.5 | 82.9 | 77.7 | 73.8 | 68.4 | 53.5 | 46.7 | 63.2 |
| 1970 | 41.2 | 48.7 | 57.2 | 66.4 | 72.8 | 78.6 | 82.8 | 80.7 | 77.4 | 67.8 | 54.2 | 52.3 | 65.0 |
| 1971 | 50.0 | 50.0 | 52.1 | 62.9 | 71.4 | 80.6 | 80.4 | 79.7 | 77.2 | 71.0 | 57.3 | 58.9 | 66.0 |
| 1972 | 55.0 | 48.7 | 57.1 | 64.3 | 70.0 | 74.1 | 80.3 | 80.7 | 76.6 | 67.4 | 57.0 | 55.9 | 65.6 |
| 1973 | 48.2 | 46.2 | 61.2 | 61.6 | 71.9 | 78.7 | 82.9 | 81.1 | 79.8 | 69.8 | 61.5 | 51.5 | 66.2 |
| 1974 | 62.0 | 51.7 | 62.1 | 63.8 | 74.2 | 75.6 | 78.4 | 79.5 | 75.2 | 62.0 | 55.6 | 51.1 | 65.9 |
| 1975 | 53.9 | 54.9 | 57.0 | 62.3 | 75.2 | 78.7 | 79.4 | 81.6 | 77.0 | 69.2 | 59.5 | 49.9 | 66.5 |
| 1976 | 44.9 | 56.0 | 62.6 | 64.1 | 70.5 | 75.8 | 81.1 | 77.3 | 74.1 | 61.5 | 51.1 | 48.8 | 64.0 |
| 1977 | 38.9 | 46.6 | 60.7 | 66.6 | 72.9 | 81.4 | 83.9 | 81.7 | 78.8 | 63.6 | 61.5 | 50.2 | 65.6 |
| 1978 | 43.6 | 43.0 | 55.4 | 66.7 | 72.2 | 78.7 | 81.2 | 81.5 | 77.5 | 65.9 | 63.5 | 52.8 | 65.2 |
| 1979 | 45.5 | 47.0 | 57.5 | 65.0 | 72.7 | 76.1 | 82.1 | 81.5 | 76.7 | 66.1 | 59.5 | 48.8 | 64.9 |
| 1980 | 49.0 | 45.9 | 54.8 | 64.5 | 71.5 | 78.5 | 82.7 | 82.3 | 80.0 | 65.2 | 55.5 | 47.7 | 64.8 |
| 1981 | 41.8 | 50.9 | 54.5 | 67.7 | 70.9 | 82.9 | 83.7 | 80.5 | 75.1 | 64.2 | 55.5 | 46.3 | 64.5 |
| 1982 | 45.2 | 51.7 | 59.4 | 62.0 | 72.3 | 79.0 | 81.4 | 80.3 | 74.7 | 65.2 | 61.0 | 57.1 | 65.8 |
| 1983 | 45.7 | 49.2 | 56.6 | 61.1 | 71.9 | 77.0 | 83.0 | 83.2 | 75.5 | 69.0 | 57.6 | 49.0 | 64.9 |
| 1984 | 46.3 | 53.5 | 57.8 | 64.1 | 71.8 | 79.0 | 80.1 | 81.4 | 73.1 | 71.4 | 54.4 | 57.2 | 65.8 |
| 1985 | 42.9 | 50.6 | 60.9 | 67.9 | 73.7 | 79.8 | 81.1 | 80.1 | 76.0 | 72.3 | 67.5 | 48.1 | 66.7 |
| 1986 | 46.0 | 55.7 | 58.2 | 66.3 | 74.5 | 81.6 | 86.3 | 80.0 | 78.7 | 69.0 | 63.3 | 53.0 | 67.7 |

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)
 U13880 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986

 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PAGE : 1

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|------|------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|--------|
| 1945 | MISS | MISS | MISS | MISS | MISS | MISS | MISS | MISS | 17.31 | 2.14 | MISS | 4.52 | MISS |
| 1946 | 4.29 | 2.94 | 3.00 | 2.96 | 7.57 | 5.20 | 8.54 | 4.47 | 1.28 | 3.75 | 4.91 | 1.06 | 49.97 |
| 1947 | 1.15 | .33 | 8.16 | 4.76 | 3.64 | 6.82 | 6.98P | 3.53 | 9.93 | 4.72P | 5.17 | 5.40 | MISS |
| 1948 | 3.50 | 3.98 | 8.15 | 5.39 | 8.30 | 1.43 | 8.03 | 5.74 | 9.40 | 2.64 | 3.90 | 3.43 | 63.89 |
| 1949 | .77 | 3.07 | 2.48 | 2.26P | 4.30 | 6.35 | 5.21 | 12.98 | 6.56 | 1.99 | 2.11 | .83 | MISS |
| 1950 | .63 | .37 | 4.43 | 1.65 | 3.74 | 3.47 | 14.32 | 6.48 | 5.93 | 2.88 | 1.17 | 3.61 | 48.68 |
| 1951 | .76 | 1.07 | 3.81 | 1.92 | 7.0 | 4.70 | 6.26 | 4.56 | 4.28 | 1.11 | 2.46 | 2.43 | 34.06 |
| 1952 | 1.06 | 5.99 | 4.08 | 2.30 | 4.75 | 3.59 | 5.86 | 7.36 | 7.24 | 1.29 | 1.90 | 1.88 | 47.30 |
| 1953 | 1.86 | 5.11 | 4.59 | .92 | 2.43 | 3.98 | 4.36 | 7.90 | 6.94 | .75 | 1.60 | 7.09 | 47.53 |
| 1954 | .89 | .56 | 1.38 | 2.25 | 3.18 | .96 | 5.90 | 2.41 | 1.55 | 5.81 | 1.12 | 4.30 | 30.31 |
| 1955 | 3.29 | 1.69 | 1.06 | 3.24 | 1.84 | 3.47 | 7.06 | 2.28 | 8.93P | 1.22 | 1.20 | .83 | MISS |
| 1956 | 2.56 | 2.91 | 2.45 | 2.39 | 4.62 | 7.69 | 10.60 | 5.97 | 4.81 | 3.89 | .88 | .95 | 49.72 |
| 1957 | 1.43 | 3.35 | 5.53 | 1.70 | 9.28 | 6.83 | 5.32 | 5.86 | 8.44 | 1.83 | 4.71 | 3.57 | 60.85 |
| 1958 | 7.20 | 4.04 | 5.78 | 9.50 | 4.43 | 12.09 | 7.74 | 7.87P | 5.54 | 3.31 | .52 | 4.14P | MISS |
| 1959 | 4.20 | 5.99 | 11.11 | 2.39 | 4.91 | 1.36 | 6.47 | 5.45 | 9.60 | 9.12 | 2.07 | 2.49 | 67.16 |
| 1960 | 5.81 | 4.06 | 2.72 | 2.05 | 2.26 | 6.76 | 14.10 | 3.15 | 7.60 | .98 | .79 | 2.13 | 52.41 |
| 1961 | 1.77 | 4.15 | 5.83 | 5.78 | 5.23 | 6.84 | 6.67 | 6.07 | 2.97 | 1.71 | 1.59 | 1.43 | 50.04 |
| 1962 | 3.59 | 1.28 | 7.88 | 2.52 | 1.61 | 16.07 | 5.93 | 11.54 | 3.81 | 3.25 | 2.01 | 1.46 | 61.15 |
| 1963 | 3.14 | 4.90 | .99 | 2.68 | 1.70 | 14.34 | 7.94 | 6.34 | 2.75 | 2.27 | 4.74 | 3.18 | 54.97 |
| 1964 | 6.53 | 6.32 | 4.40 | 2.72 | 4.77 | 6.95 | 18.46 | 7.67 | 4.11 | 7.53 | .52 | 3.01 | 72.99 |
| 1965 | 1.69 | 5.49 | 7.99 | 3.10 | 1.32 | 6.68 | 8.90 | 5.90 | 4.66 | 6.23 | .87 | 1.20 | 54.03 |
| 1966 | 6.68 | 4.61 | 2.65 | 2.83 | 7.71 | 6.03 | 11.48 | 3.45 | 2.20 | 1.70 | .48 | 3.76 | 53.58 |
| 1967 | 4.93 | 3.12 | 2.81 | .84 | 8.91 | 4.06 | 9.10 | 3.74 | 1.39 | .52 | 1.35 | 2.79 | 43.65 |
| 1968 | 2.25 | .79 | 1.35 | 1.99 | 2.54 | 9.41 | 7.77 | 4.42 | 1.66 | 6.86 | 2.67 | 3.65 | 45.36 |
| 1969 | 1.19 | 2.05 | 5.14 | 3.46 | 2.34 | 4.88 | 5.34 | 11.84 | 5.37 | 1.50 | 5.49 | 3.52 | 52.12 |
| 1970 | 2.51 | 2.86 | 7.72 | 1.34 | 3.78 | .96 | 5.97 | 10.64 | 2.53 | 4.08 | .67 | 2.90 | 45.92 |
| 1971 | 5.45 | 4.71 | 4.05 | 4.11 | 4.15 | 4.07 | 6.04 | 16.32 | .53 | 7.22 | 1.61 | 2.28 | 60.54 |
| 1972 | 4.13 | 5.18 | 2.52 | .01 | 5.67 | 5.29 | 1.76 | 4.52 | 1.82 | .25 | 7.35 | 4.36 | 42.86 |
| 1973 | 4.59 | 5.57 | 6.15 | 2.55 | 1.83 | 27.24 | 3.60 | 6.66 | 7.93 | .63 | .84 | 4.58 | 72.17 |
| 1974 | 1.42 | 2.96 | 3.04 | .86 | 4.62 | 9.45 | 3.00 | 16.99 | 4.60 | .40 | 3.78 | 3.00 | 54.61 |
| 1975 | 4.92 | 3.54 | 4.54 | 3.74 | 5.06 | 5.96 | 9.34 | 7.18 | 5.16 | 1.97 | 1.43 | 3.35 | 56.19 |
| 1976 | 1.62 | .95 | 2.33 | .62 | 6.87 | 5.59 | 4.48 | 5.22 | 6.03 | 4.10 | 3.57 | 5.12 | 48.50 |
| 1977 | 2.72 | 1.38 | 5.31 | .45 | 4.66 | 2.12 | 3.86 | 8.13 | 2.48 | 2.45 | 1.76 | 5.88 | 41.24 |
| 1978 | 4.31 | 1.82 | 3.25 | 1.97 | 4.68 | 3.42 | 6.19 | 4.01 | 5.06 | .18 | 1.87 | 4.13 | 40.89 |
| 1979 | 3.43 | 3.04 | 3.01 | 3.81 | 8.09 | 2.23 | 8.35 | .88 | 15.36 | 3.87 | 3.29 | 2.62 | 57.98 |
| 1980 | 3.99 | 1.25 | 7.99 | 3.43 | 5.85 | 3.15 | 6.97 | .73 | 2.60 | 1.52 | 2.19 | 1.25 | 40.92 |
| 1981 | .93 | 2.23 | 2.38 | 1.87 | 4.02 | 6.04 | 12.66 | 9.30 | 1.27 | 1.95 | 1.06 | 5.73 | 49.44 |
| 1982 | 2.18 | 3.64 | 1.26 | 6.51 | 3.04 | 9.16 | 5.40 | 4.10 | 3.92 | 2.42 | 1.19 | 4.20 | 47.02 |
| 1983 | 4.86 | 6.35 | 11.11 | 3.57 | .75 | 2.37 | 8.80 | 2.90 | 3.50 | 2.36 | 3.08 | 4.35 | 54.09 |
| 1984 | 5.12 | 3.51 | 5.63 | 6.30 | 6.89 | 2.96 | 4.87 | 1.96 | 5.27 | 1.67 | 1.39 | .66 | 46.23 |
| 1985 | .87 | 2.70 | 1.50 | 1.12 | 2.79 | 7.02 | 12.06 | 8.48 | 2.53 | 4.58 | 5.49 | 1.21 | 50.35 |
| 1986 | 2.05 | 4.17 | 2.67 | .83 | .93 | 2.51 | 5.07 | 13.41 | 4.60 | 2.95 | 4.03 | 5.21 | 48.43 |

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON (FROM DAILY OBSERVATIONS)

U13980 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ALL

| MONTH | HOURS (LST) | TSTM | RAIN E/OP DRIZZLE | FREEZE RAIN E FREEZE DRIZZLE | SNOW E/OP SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE E/OP HAZE | BLOWING SNOW | DUST E/OP SAND | % OBS. W/OBST VISION | TOTAL NO. OF OBS. |
|-------|----------------|------|-------------------------|---------------------------------------|-----------------------|------|----------------------------|------|-----------------------|-----------------|----------------------|----------------------------|-------------------------|
| JAN | DAILY | 2.4 | 42.3 | .0 | 3.3 | .1 | 43.4 | 44.1 | 40.0 | .0 | .1 | 58.0 | 1271 |
| FEB | DAILY | 3.7 | 42.5 | .0 | 2.9 | .1 | 43.2 | 40.0 | 40.9 | .1 | .0 | 56.9 | 1147 |
| MAR | DAILY | 8.1 | 43.4 | .0 | 1.3 | .3 | 43.7 | 43.0 | 40.4 | .0 | .2 | 55.1 | 1271 |
| APR | DAILY | 9.8 | 34.4 | .0 | .0 | .7 | 34.4 | 41.5 | 38.5 | .0 | .1 | 52.3 | 1229 |
| MAY | DAILY | 22.2 | 42.7 | .0 | .0 | .6 | 42.7 | 45.6 | 44.5 | .0 | .0 | 58.5 | 1264 |
| JUN | DAILY | 33.1 | 51.1 | .0 | .0 | .5 | 51.1 | 44.5 | 46.4 | .0 | .0 | 60.7 | 1214 |
| JUL | DAILY | 44.0 | 58.8 | .0 | .0 | .3 | 58.8 | 37.7 | 42.2 | .0 | .0 | 56.2 | 1268 |
| AUG | DAILY | 38.2 | 56.9 | .0 | .0 | .1 | 56.9 | 45.8 | 50.7 | .0 | .1 | 63.7 | 1276 |
| SEP | DAILY | 17.2 | 46.3 | .0 | .0 | .1 | 46.3 | 52.2 | 48.9 | .0 | .1 | 66.6 | 1256 |
| OCT | DAILY | 4.9 | 32.1 | .0 | .0 | .5 | 32.5 | 46.3 | 39.9 | .0 | .0 | 57.1 | 1299 |
| NOV | DAILY | 2.5 | 36.5 | .0 | .1 | .1 | 36.5 | 45.2 | 38.6 | .0 | .1 | 55.6 | 1260 |
| DEC | DAILY | 2.1 | 40.3 | .0 | .8 | .0 | 40.4 | 43.7 | 38.0 | .1 | .1 | 55.9 | 1301 |
| ANN | DAILY | 15.7 | 43.9 | .0 | .7 | .2 | 44.1 | 44.2 | 42.4 | .0* | .1 | 58.1 | 15056 |

NOTES :
* = PERCENT < .05

27 - STATION CLIMATIC SUMMARY

1388C CHARLESTON, SC

PERIOD OF RECCRD (HOURLY): 1945-1986

PERIOD OF RECORD (DAILY) : 1945-1986

LAT. : 22 54N LONG. : 80 02W ELEV. : 46 FT

LAT. : 22 54N LONG. : 80 02W ELEV. : 46 FT

| | TEMPERATURE (DEG F) | | PRECIPITATION (INCHES) | | (°C) | | REL HUM | VAPOR | DEW | PR | WIND (KTS) | SKY | PRECIP. | INCHES | SNOW- INCHES | MEAN NO. OF DAYS WITH | | TEMP (DEG F) | | | | | | | |
|-----|---------------------|---------|------------------------|-----|------|-----|---------|-------|-----|-----|------------|-----|---------|--------|-----------------|-----------------------|-----|--------------|-----|-----|-----|-----|----|----|----|
| | MEAN | EXTREME | MIN | MAX | MIN | MAX | | | | | | | | | | TH | FG | | MAX | MIN | | | | | |
| JAN | 59 | 37 | 48 | 83 | 6 | 3 | 7.2 | 6.2 | 55 | 22 | 37 | 45 | 10 | 58 | 0VR | 10 | 2 | # | 0 | 1 | 14 | 0 | 3 | 12 | 1 |
| FEB | 62 | 39 | 51 | 86 | 12 | 3 | 6.4 | 5.2 | 50 | 23 | 38 | 55 | 11 | 54 | 0VR | 9 | 2 | # | 1 | 11 | 0 | 3 | 8 | 1 | |
| MAR | 68 | 46 | 57 | 90 | 15 | 4 | 11.1 | 1.0 | 4.5 | 30 | 45 | 50 | SSW | 46 | 0VR | 10 | 3 | # | 3 | 13 | # | 8 | 3 | 1 | |
| APR | 76 | 53 | 65 | 93 | 30 | 3 | 9.5 | 4.1 | T | 4.1 | T | T | 85 | 49 | 39 | 52 | 50 | S | 9 | 62 | CLR | 7 | 2 | 0 | 0 |
| MAY | 83 | 62 | 72 | 98 | 36 | 4 | 9.3 | 7.6 | 2 | T | 90 | 54 | 55 | 61 | 35 | S | 8 | 52 | 0VR | 9 | 3 | 0 | 0 | 3 | 12 |
| JUN | 87 | 68 | 78 | 101 | 50 | 6 | 27.2 | 1.0 | 9.4 | T | T | 91 | 59 | 70 | 68 | 30 | S | 8 | 56 | BRK | 11 | 4 | 0 | 0 | 10 |
| JUL | 89 | 72 | 81 | 104 | 58 | 8 | 18.5 | 1.8 | 5.4 | 0 | 0 | 91 | 62 | 78 | 72 | 20 | S | 7 | 53 | BRK | 14 | 5 | 0 | 0 | 14 |
| AUG | 89 | 71 | 80 | 102 | 56 | 7 | 17.0 | 7.4 | 7 | 0 | 0 | 92 | 63 | 77 | 71 | 25 | S | 7 | 60 | BRK | 13 | 4 | 0 | 0 | 12 |
| SEP | 85 | 67 | 76 | 97 | 42 | 5 | 17.3 | 5.6 | 2 | 0 | 0 | 92 | 62 | 67 | 67 | 30 | NNE | 8 | 62 | 0VR | 9 | 3 | 0 | 0 | 5 |
| OCT | 77 | 56 | 67 | 94 | 27 | 3 | 9.1 | 2.3 | 9 | 0 | 0 | 89 | 56 | 46 | 57 | 35 | NNE | 8 | 47 | CLR | 6 | 2 | 0 | 0 | 2 |
| NOV | 69 | 46 | 57 | 88 | 15 | 2 | 7.4 | 5.5 | 2 | T | T | 86 | 53 | 33 | 47 | 40 | N | 7 | 48 | CLR | 7 | 1 | 0 | 0 | 1 |
| DEC | 61 | 39 | 50 | 83 | 8 | 2 | 7.1 | 7.3 | 4 | T | 4 | 83 | 55 | 25 | 40 | 45 | N | 7 | 48 | 0VR | 9 | 2 | # | 1 | 14 |
| ANN | 76 | 55 | 65 | 104 | 6 | 5.2 | 73.0 | 30.3 | 9.4 | 1 | 7 | 5 | 87 | 56 | 43 | 55 | 40 | S | 8 | 62 | 0VR | 115 | 33 | 1 | # |
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NOTES :

T = TRACE AMOUNTS (< .05, < .5 INCHES

= MEAN NO. DAYS < .5 DAYS

\$ = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 50 = 500 FEET)

3 - NAVY STATIONS REPORTED HAIL AS SNOWFALL

STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.

+ = THE PREDOMINANT SKY CONDITION

= VISIBILITY IS NOT CONSIDERED

ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING

* = 24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).

[illegible]

| | | | |
|-------|----|------|------------------------------|
| TAB # | 2 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 4 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 11 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 12 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 13 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 14 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 15 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 16 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 17 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 18 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
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| TAB # | 20 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
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| TAB # | 23 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
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| TAB # | 25 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 26 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 27 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 28 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 29 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 30 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 31 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 32 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 33 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 34 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 35 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 36 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 37 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 38 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 39 | 1986 | 12 OUTPUT TO UNIT 12-COMLETE |
| TAB # | 40 | 1986 | 13 OUTPUT TO UNIT 12-COMLETE |

38KPT PRINTS

[illegible]